Here the code is given below. You have to identify the problem in the code.

while( ( i < 10) && (i > 24))

**Answer ( Please select your correct option )**

○ the logical operator && cannot be used in a test condition

○ the while loop is an exit-condition loop

○ the test condition is always true

○ the test condition is always false

Which one of the statements given below is equivalent to **sum += j*j** ?

**Answer ( Please select your correct option )**

○ sum = j * j

○ sum = sum + j

○ sum = sum + j * j

○ sum * j = j

All elements of an array must be of_____.

**Answer ( Please select your correct option )**

VuAnswers.com

- ○ different data type

- ○ float data types only

- ○ character data types only

- ○ same data type      correct

Made by: Waqar Siddhu

In C/C++, null character is represented as _____.

## Answer ( Please select your correct option )

○ \n

correct

○ \0

○ \t

○ \r

The dynamic memory allocation uses memory from the _____.

**Answer ( Please select your correct option )**

○ Stack

○ Heap

○ System Cache

○ Secondary Storage

When a value is referred by a normal variable then it is known as_____.

**Answer ( Please select your correct option )**

○ Direct Reference

correct

○ Indirect Reference

○ Proper Reference

○ Partial Reference

The address operator (&) is used with a _____.

**Answer ( Please select your correct option )**

○ Statement

○ Expression

○ Variable

correct

○ Constant

A variable declared inside a code block becomes the _____ variable for that block.

**Answer ( Please select your correct option )**

○ global

○ static

○ local

○ inner

If a friend function outside the class declares itself friend of the class, this may violate the concept of

**Answer ( Please select your correct option )**

VuAnswers.com

Encapsulation and data accessing

Encapsulation and data hiding

correct

Friend member functions of the class

Interface of the class.

Made by: Waqar Siddhu

In C/C++, _____ are the doors through which data can enter and come out of a program.

**Answer ( Please select your correct option )**

○ Streams

○ Fields

○ Variables

○ Header files

A _____ name includes a primary name and an optional period with an extension.

**Answer ( Please select your correct option )**

○ File

○ Disk

○ Data

○ Database

The operator used for casting in C is standard _____ operator.

**Answer ( Please select your correct option )**

VuAnswers.com

○ binary

○ cast

correct

○ cost

○ const

Both endl and flush are _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Functions

○ Operators

○ Manipulators

correct

○ Objects

Made by: Waqar Siddhu

What will be the output of the following statement?

cout << setbase(16) << 52 ;

**Answer ( Please select your correct option )**

○ 52

○ 34     correct

○ 64

○ 32

The return type of the operator function for << operator is _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ class for which we overload operator

○ reference of ostream class (ostream&)     **correct**

○ reference of istream class (istream&)

○ void

Made by: Waqar Siddhu

new operator allocates memory from free store and returns _____.

Answer ( Please select your correct option )

○ A pointer

correct

○ A reference

○ An integer

○ A float

The pointer returned by the new operator points to _____ of memory chunks allocated by the new operator.

VuAnswers.com

**Answer ( Please select your correct option )**

○ Second memory address

○ First memory address

correct

○ Last memory address

○ Last memory address of the previous chunk

Made by: Waqar Siddhu

A template function must have at least _____ generic data type.

**Answer ( Please select your correct option )**

○ Zero

○ One

○ Two

○ Three

What does STL stand for?

**Answer ( Please select your correct option )**

VuAnswers.com

○ Source template library

○ Standard template library     correct

○ Stream template library

○ Standard temporary library

Made by: Waqar Siddhu

The appropriate data type to store the number of rows and colums of the matrix is_____.

**Answer ( Please select your correct option )**

○ float

○ strings

○ int

○ char

By using objects as class members, _____ is achieved.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Accessibility

○ Reliability

○ Reusability     correct

○ Usability

Made by: Waqar Siddhu

_____ data members of a contained object can be accessed from inside of the containing class.

**Answer ( Please select your correct option )**

○ Private

○ Public

○ Protected

○ All     correct

The normal source of cin object is _____.

**Answer ( Please select your correct option )**

- File

- Disk

- Keyboard    correct

- RAM

The stream insertion and stream extraction operators are already overloaded for _____.

**Answer ( Please select your correct option )**

○ User-defined data types

○ Built-in data types

○ User-defined and built-in data types

○ Constants

When an object of a class is defined inside an other class then _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Constructor of enclosing class will be called first

○ Constructor of inner object will be called first    correct

○ Constructor and Destructor will be called simultaneously

○ Only destructor will be called

Made by: Waqar Siddhu

The order of destruction of an object is _____.

**Answer ( Please select your correct option )**

VuAnswers.com

- ○ same as the construction order.

- ○ reverse as the construction order.    **correct**

- ○ independent of the construction order.

- ○ same as the order of objects declared.

Made by: Waqar Siddhu

A constructor will create a new object with a full copy of the other object, this type of copy is known as _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Deep copy

correct

○ Shallow copy

○ Constructor copy

○ Object copy

Made by: Waqar Siddhu

_____ is the only operator that the compiler overloads for user defined data type.

**Answer ( Please select your correct option )**

○ Plus (+)

○ Minus (-)

○ Equal (= =)

○ Assignment (=)     correct

A class member function defined for overloading a unary operator takes how many arguments ?

**Answer ( Please select your correct option )**

○ Zero

○ One

○ Two

○ N arguments

Static allocation is _____ efficient than the dynamic allocation.

**Answer ( Please select your correct option )**

VuAnswers.com

○ less

correct

○ more

○ equally

○ it depends on the situation

Which of the following function call is correct for the function prototype?
defaultParameters ( int a, int b = 7, char z = '*' );

**Answer ( Please select your correct option )**

VuAnswers.com

○ defaultParameters (5);                          correct

○ defaultParameters (5, '8');

○ defaultParameters (6, '#');

○ defaultParameters (0, 0, '*', 0);

Made by: Waqar Siddhu

The region of memory, available for allocation at run time in C language is called _____ memory whereas in C++ , is called _____ .

**Answer ( Please select your correct option )**

○ Heap, Stack

○ Stack, Free Store

○ Heap, Free Store　　　　　　　　　　correct

○ Free store, Heap

The prototype of friend function is written _____.

**Answer ( Please select your correct option )**

○ Before the class definition

○ As private member function

○ Anywhere inside the class definition

○ In the main function

Which one of the given options is correct prototype syntax for overloaded operator?

**Answer ( Please select your correct option )**

VuAnswers.com

○ return-type operator-symbol (parameter-list) operator;

○ operator return-type operator-symbol (parameter-list);

○ return-type operator operator-symbol (parameter-list);

correct

○ return-type operator-symbol operator (parameter-list);

The declarator of Plus (+) member operator function is _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Class-Name  operator + (Class-Name  rhs)

correct

○ operator Class-Name + ( )

○ operator Class-Name + ( rhs)

○ Class-Name  operator + ( )

Made by: Waqar Siddh

Sequence of event(s) when allocating memory using new operator is _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○　Only block of memory is allocated for objects

○　Only constructor is called for objects

○　Memory is allocated first before calling constructor

○　Constructor is called first before allocating memory

correct

Made by: Waqar Siddhu

Individual characters in a string stored in an array can be accessed directly using array _____.

**Answer ( Please select your correct option )**

VuAnswers.com

- ○ Superscript

- ○ Subscript    correct

- ○ Script

- ○ Value

Made by: Waqar Siddhu

Whenever we allocate any memory from the_____ then starting position of the block of the memory allocated is returned as an address that is kept in a pointer.

**Answer ( Please select your correct option )**

- ○ Flush

- ○ Buffer

- ○ Heap          correct

- ○ Stack

Whenever we allocate any memory from the heap then starting position of the block of the memory allocated is returned as a _____ that is kept in a pointer.

**Answer ( Please select your correct option )**

○ Variable

○ Address

○ Pointer

○ Array

Constructor is a special function, called whenever we instantiate a _____ of a class.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Function

○ Data member

○ Object

correct

○ Pointer

Made by: Waqar Siddhu

Which of the following function call is "call by reference" for the following function prototype?
**void func (int *);**

**Answer ( Please select your correct option )**

VuAnswers.com

○ func(int &num) ;

○ func(&num) ;

correct

○ func(*num) ;

○ func(num) ;

Made by: Waqar Siddhu

What is the highest legal index for the following array?
   int arr[4]

VuAnswers.com

**Answer ( Please select your correct option )**

○ 4

○ 3     correct

○ 2

○ 1

Made by: Waqar Siddhu

Which of the following is the correct way to initialize a character array 'course' with string 'programming'?

**Answer ( Please select your correct option )**

○ course[12] ="programming";

correct

○ course[] = {"programming"};

○ course[] = 'programming' ;

○ course = "programming" ;

Using a segment of source code again by adding new functionalities with slight or no modification is termed as _____.

VuAnswers.com

**Answer ( Please select your correct option )**

○ code efficiency

○ code reusability

correct

○ code modification

○ code compatibility

Made by: Waqar Siddhu

_____ executes all the lines before error and stops at the line which contains the error.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Intrepreter

correct

○ Compiler

○ Linker

○ Debugger

Made by: Waqar Siddhu

Which of the following values are used in C/C++ to represent true and false?

**Answer ( Please select your correct option )**

○ 1 and 0

correct

○ 1 and -1

○ 11 and 00

○ Any numerical value

When break statement is encountered in switch statement, it _____

**Answer ( Please select your correct option )**

VuAnswers.com

○ Stops the entire program

○ Stops the execution of current statement

○ Exits from switch statement

correct

○ Repeats the switch statement

What will be the output of this code segment?

```
int arr[6] = {2, 3, 7, 4, 5, 6} ;
int *ptr1 =&arr[1] ;
int *ptr2 = &arr[4] ;
cout << (ptr2-ptr1) ;
```

**Answer ( Please select your correct option )**

VuAnswers.com

○ 3

○ 9

○ 12

○ 2

correct

Made by: Waqar Siddhu

In C++, Integer calculation occurs in _____ bytes.

**Answer ( Please select your correct option )**

○ 1 byte

○ 2 bytes

○ 4 bytes

correct

○ 8 bytes

In windows operating system, function calling is like sending a/an _____ to the object.

**Answer ( Please select your correct option )**

○ Error

○ Message    

○ Request

○ Object

The static data members of a class will be _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ shared by objects

○ created for each object

○ initialized within class

correct

○ initialized within main function

Made by: Waqar Siddhu

Which of the following option is true about static data members of a class?

**Answer ( Please select your correct option )**

VuAnswers.com

○ The static data members cannot be private or public

○ The static data members must be private

○ The static variables must be public

○ The static data members can be private or public

© Made by: Waqar Siddhu

When a variable is defined as static in a class then _____.

**Answer ( Please select your correct option )**

○ Separate copy of this variable is created for each object

○ Only one copy is created for all objects of this class

○ A copy of this variable is created for only static objects

○ No copy is created for the objects of that class

The pointer returned by the new operator points to _____ of memory chunks allocated by the new operator.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Second memory address

○ First memory address     correct

○ Last memory address

○ Last memory address of the previous chunk

Made by: Waqar Siddhu

A _____ is considered as a special type of pointer which contains address of a memory location.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Function

○ Structure

○ Reference
    correct

○ Class

Made by: Waqar Siddhu

Which of the following operator the compiler overloads for objects by default?

**Answer ( Please select your correct option )**

○ + operator

○ - operator

○ = operator　　　correct

○ == operator

If C1 and C2 are objects of the same class, what would a user get after compiling the following statement?
C1 = C2;

**Answer ( Please select your correct option )**

○ The compiler will generate a syntax error regarding assignment operator not overloaded.

○ The compiler will execute the statement but it will be a logical error.

○ A run time error occurs

○ The program will execute successfully without any logical error.

With template function, the compiler automatically detects the _____ and generates _____ using passed data.

**Answer ( Please select your correct option )**

VuAnswers.com

○ passed data , a new copy of function

correct

○ parameters, an old copy of function

○ old copy of function,  parameters

○ parameters, an new copy of function

Made by: Waqar Siddhu

What does STL stand for?

**Answer ( Please select your correct option )**

○ Source template library

○ Standard template library

○ Stream template library

○ Standard temporary library

Templates provide way of abstracting _____ information.

**Answer ( Please select your correct option )**

VuAnswers.com

○ type

correct

○ data

○ method

○ access

Made by: Waqar Siddhu

The appropriate data type to store the number of rows and colums of the matrix is_____.

**Answer ( Please select your correct option )**

VuAnswers.com

○　float

○　strings

○　int

correct

○　char

Classes defined inside other classes are called _____ classes

**Answer ( Please select your correct option )**

○ looped

○ nested

○ overloaded

○ children classes

_____ data members of a contained object can be accessed from inside of the containing class.

**VuAnswers.com**

**Answer ( Please select your correct option )**

○ Private

○ Public

○ Protected

○ All

correct                    Made by: Waqar Siddhu

If we write a statement like s2 = s1; _____ will be the calling object and _____ will be passed to the = operator as an argument.

**Answer ( Please select your correct option )**

VuAnswers.com

○ s1, s1

○ s1, s2

○ s2, s1

correct

○ s2, s2

Made by: Waqar Siddhu

We can use cin.peek() function to _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ See the next character that we are going to get.

correct

○ Get to the end of the input buffer.

○ See the first character of input buffer.

○ See the last character of the current input word.

The stream insertion and stream extraction operators are already overloaded for _____.

**Answer ( Please select your correct option )**

○ User-defined data types

○ Built-in data types

○ User-defined and built-in data types

correct

○ Constants

The order of destruction of an object is _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ same as the construction order.

○ reverse as the construction order.

correct

○ independent of the construction order.

○ same as the order of objects declared.

A constructor will create a new object with a full copy of the other object, this type of copy is known as _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Deep copy

correct

○ Shallow copy

○ Constructor copy

○ Object copy

A macro when takes arguments is called_____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ function

○ procedure

○ parameterized macro

correct

○ simple macro

Which of the following is NOT a preprocessor directive?

**Answer ( Please select your correct option )**

○　#error

○　#define

○　#line

○　#ndefine

correct

Static allocation is _____ efficient than the dynamic allocation.

**Answer ( Please select your correct option )**

○ less

○ more

○ equally

○ it depends on the situation     correct

The function free() returns back the allocated memory got through calloc and malloc to _____ .

**Answer ( Please select your correct option )**

VuAnswers.com

- stack

- heap      correct

- free memory store

- both to heap and stack

If constructor contains a return statement in its body then compiler will give _____.

**Answer ( Please select your correct option )**

○ No error

○ Syntax error

correct

○ Logical error

○ Run time error

new and delete are also used with _____ and primitive data types as well.

**Answer ( Please select your correct option )**

○ loops

○ structures, pointers

○ classes , structures

*correct*

○ constant

Memory allocated at run time is a system resource and it is the responsibility of _____ to de-allocate the memory.

**Answer ( Please select your correct option )**

VuAnswers.com

○ System

○ Programmer     correct

○ User of program

○ Operating System

Made by: Waqar Siddhu

Friend class of the other class gets _____ access to _____.

**Answer ( Please select your correct option )**

○ Partial, data member and member functions.

○ Read only, data member and member functions.

○ Complete, data members only.

○ Complete, all data members and member functions.

correct

While overloading new and delete operators, we should take care that _____.

**Answer ( Please select your correct option )**

○ They should be overloaded for specific types instead of overloading globally.

○ Both of these operators should not be overloaded in the same program.

○ We should never overload either of these operators.

○ They should be not overloaded for specific types instead of overloading globally.

In case of _____ default mechanism of function calling is call by value.

**Answer ( Please select your correct option )**

○ Variable

correct

○ Array

○ Heap

○ List

A constructor has the same name as that of _____ .

**Answer ( Please select your correct option )**

○ Variable

○ Class

           correct

○ Structure

○ Function

The destructor for all the objects in the program is automatically called when _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Memory is dynamically allocated to objects

○ Objects are used inside functions

○ Array of objects is declared

○ Program is terminated    correct    Made by: Waqar Siddhu

In Flow Chart, flow of control is represented by _____.

Answer ( Please select your correct option )

VuAnswers.com

- Rectangle

- Circle

- Diamond

- Arrow

**correct**

The operators ++ and -- are used to increment or decrement the value of a variable by _____

**Answer ( Please select your correct option )**

VuAnswers.com

○ 3

○ 2

○ 1      correct

○ 4

Made by: Waqar Siddhu

To assigned a value to a character type variable, _____ are used around the value.

**Answer ( Please select your correct option )**

○ parenthesis ( )

○ single qoutes ' '   *correct*

○ double qoutes " "

○ curly braces { }

Which of the following syntax will be used to initialize an array of size 5 of int data type to value 0?

**VuAnswers.com**

**Answer ( Please select your correct option )**

○ arr[5] = {0} ;

○ int arr[5]= 0 ;

○ int arr[5] = {0} ;

**correct**

○ int arr[] = 0 ;

Let ptr1 and ptr2 are pointer variables that points to integer data types then which one of the following arithmetic is allowed?

VuAnswers.com

**Answer ( Please select your correct option )**

○ ptr1 + ptr2

○ ptr1 - ptr2    correct

○ ptr1 * ptr2

○ ptr1 / ptr2

When an argument is passed by reference, _____

**Answer ( Please select your correct option )**

VuAnswers.com

○ the function cannot access the argument's value.

○ a variable is created in the function to hold the argument's value.

○ a temporary variable is created in the calling program to hold the argument's value.

○ the function accesses the argument's original value in the calling program.

Made by: Waqar Siddhu

In year _____, C was approved as a standard langauge worldwide.

**Answer ( Please select your correct option )**

VuAnswers.com

- ○ 1988

- ○ 1967

- ○ 1989

correct

- ○ 1986

Made by: Waqar Siddhu

The C language was developed in late 60's and early 70's, in _____ .

**Answer ( Please select your correct option )**

○ Richards Laboratories

○ Microsot Laboratories

○ Bell Laboratories          correct

○ IBM Laboratories

If a friend function outside the class declares itself friend of the class, this may violate the concept of _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Encapsulation and data accessing

○ Encapsulation and data hiding

correct

○ Friend member functions of the class

○ Interface of the class

Made by: Waqar Siddhu

A structure brings together a group of _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○　same data type

○　different data types　　　　　　　correct

○　constants

○　both a, b

The member functions of a class occupy _____ region in memory for _____ object(s) of class.

**Answer ( Please select your correct option )**

VuAnswers.com

○ separate, each

○ common, all        correct

○ different, each

○ different, all

Made by: Waqar Siddhu

The static data members of a class are initialized _____.

**Answer ( Please select your correct option )**

○ at file scope

○ within class definition

○ within member function

○ within main function

The static data members of a class can be accessed by _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○　only class

○　only objects

○　both class and objects　　　　　**correct**

○　function out side the class

Static variable which is defined in a function is initialized _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Every time the function call

○ Only once during its life time                    **correct**

○ For many times in the program

○ Compile time of the program

Made by: Waqar Siddhu

When a variable is defined as static in a class then _____.

**Answer ( Please select your correct option )**

○ Separate copy of this variable is created for each object

○ Only one copy is created for all objects of this class

○ A copy of this variable is created for only static objects

○ No copy is created for the objects of that class

When a call to a user-defined function finishes, the variable defined inside the function will _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ still in existence

○ not exist further

correct

○ finish but a copy will remain in memory

○ become static for other functions

Made by: Waqar Siddhu

What does STL stand for?

**Answer ( Please select your correct option )**

VuAnswers.com

- ○ Source template library

- ○ Standard template library

  correct

- ○ Stream template library

- ○ Standard temporary library

The code is written to _____ the program.

**Answer ( Please select your correct option )**

○ implement                              correct

○ design

○ analysis

○ test

The appropriate data type to store the number of rows and colums of the matrix is_____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ float

○ strings

○ int

correct

○ char

Made by: Waqar Siddhu

A class whose object is contained as const object, must have _____.

**Answer ( Please select your correct option )**

VuAnswers.com

O   Getter/Setter Functions

O   Default Constructor

O   Parameterized Constructor

correct

O   Operator Overlaoding Functions

_____ data members of a contained object can be accessed from inside of the containing class.

**Answer ( Please select your correct option )**

○ Private

○ Public

○ Protected

○ All

correct

The initializer list is used to initialize the contained objects of a class at _____.

**Answer ( Please select your correct option )**

○ Run time

○ Debugging time

○ Construction time

○ Compile time　　　　　　　　correct

The normal source of cin object is _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ File

○ Disk

○ Keyboard     correct

○ RAM

We can use cin.peek() function to _____.

**Answer ( Please select your correct option )**

VuAnswers.com

- ○ See the next character that we are going to get.

  correct

- ○ Get to the end of the input buffer.

- ○ See the first character of input buffer.

- ○ See the last character of the current input word.

When an object of a class is defined inside another class then _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Destructor of enclosing class will be called first

correct

○ Destructor of inner object will be called first

○ Constructor and Destructor will be called simultaneously

○ Only destructor will be called

Made by: Waqar Siddhu

The order of destruction of an object is _____.

**Answer ( Please select your correct option )**

○ same as the construction order.

○ reverse as the construction order.

correct

○ independent of the construction order.

○ same as the order of objects declared.

VuAnswers.com

Made by: Waqar Siddhu

A macro when takes arguments is called_____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ function

○ procedure

○ parameterized macro

correct

○ simple macro

Which is NOT a protection level provided by classes in C++?

**Answer ( Please select your correct option )**

○ protected

○ hidden

○ private

○ public

What should be the return type of the constructor?

**Answer ( Please select your correct option )**

VuAnswers.com

○ void pointer

○ int

○ same as object type

○ constructors do not return any thing

correct

Made by: Waqar Siddhu

Which of the following function call is correct for the function prototype?
defaultParameters ( int a, int b = 7, char z = '*' );

**Answer ( Please select your correct option )**

VuAnswers.com

○ defaultParameters (5);

correct

○ defaultParameters (5, '8');

○ defaultParameters (6, '#');

○ defaultParameters (0, 0, '*', 0);

Made by: Waqar Siddhu

Which of the following function cannot be overloaded?

**Answer ( Please select your correct option )**

VuAnswers.com

○ Member functions

○ Utility functions

○ Constructor

○ Destructor

correct

Made by: Waqar Siddhu

Users must not know about _____.

**Answer ( Please select your correct option )**

VuAnswers.com

- ○ Methods functionality with in class

  correct

- ○ Objects of class

- ○ Functions name within class

- ○ Class implementation of functionality and interfaces

Made by: Waqar Siddhu

new and delete are also used with _____ and primitive data types as well.

**Answer ( Please select your correct option )**

○ loops

○ structures, pointers

○ classes , structures     **correct**

○ constant

If there is a symbol (& sign) used with the variable name followed by data type then it refers to _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Logic expression

○ Value of variable

○ Reference variable

○ Address of variable

correct

Made by: Waqar Siddhu

Consider the following code segment.

```
class M {
public:
  M &operator+(const M &);
...
```

**Answer ( Please select your correct option )**

○ Member function

**correct**

○ Non-member function

○ Friend function

○ Virtual function

Sequence of event(s) when deallocating memory using delete operator is _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Only block of memory is deallocated for objects

○ Only destructor is called for objects

○ Memory is deallocated first before calling destructor

correct

○ Destructor is called first before deallocating memory

Made by: Waqar Siddhu

```
  M &operator+(const M &);
...
};

p + q          //code of line implies that  p.operator+(q)
      ...
```

**Answer ( Please select your correct option )**

VuAnswers.com

○ Member function

○ Non-member function

○ Friend function

○ Virtual function

```
... co operator + (const ... &);
...
};

p + q        //code of line implies that  p.operator+(q)

    ...
Let assume if p and q are class objects then function is implemented as _____.
```

**Answer ( Please select your correct option )**

○ Member function

○ Non-member function

○ Friend function

○ Virtual function

Sequence of event(s) when deallocating memory using delete operator is _____.

**Answer ( Please select your correct option )**

○ Only block of memory is deallocated for objects

○ Only destructor is called for objects

○ Memory is deallocated first before calling destructor

○ Destructor is called first before deallocating memory

What will be the correct syntax of declaration of the following statement?
ptr is a pointer to const int.

**Answer ( Please select your correct option )**

VuAnswers.com

○ const int *ptr;                    correct

○ int* const ptr;

○ int const *ptr;

○ const *int ptr;

A constructor has the same name as that of _____ .

**Answer ( Please select your correct option )**

○ Variable

○ Class

○ Structure

○ Function

Whenever **new** operator is called to create an object, the _____ is also called for that object.

**Answer ( Please select your correct option )**

VuAnswers.com

- Constructor

  correct

- Destructor

- Pointer

- Array

Made by: Waqar Siddhu

The destructor for all the objects in the program is automatically called when _____ .

**Answer ( Please select your correct option )**

VuAnswers.com

○　Memory is dynamically allocated to objects

○　Objects are used inside functions

○　Array of objects is declared

○　Program is terminated　　　　　　　　correct

Made by: Waqar Siddhu

In Flow Chart, flow of control is represented by _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Rectangle

○ Circle

○ Diamond

○ Arrow         correct

Made by: Waqar Siddhu

You can use a _____ statement to transfer control elsewhere out of the nested structure.

**Answer ( Please select your correct option )**

VuAnswers.com

○ continue

○ goto

correct

○ pause

○ break

Made by: Waqar Siddhu

Which of the given operators is not a valid compound assignment operator ?

**Answer ( Please select your correct option )**

VuAnswers.com

○ >>=

○ =>>

correct

○ *=

○ &=

Made by: Waqar Siddhu

The purpose of using cout<< is to _____.

**Answer ( Please select your correct option )**

○ Display information on the screen

**correct**

○ Read the data from keyboard

○ Read the data from a file

○ Write into a file

Assignment operator is used for _____.

**Answer ( Please select your correct option )**

○ calculation

○ reading

○ assigning values to variables

○ equality checking

Missing semicolon ';' at the end of C++ statement causes a _____ error.

**Answer ( Please select your correct option )**

○ Logical

○ Syntax

○ Runtime

○ Compile time

Which of the following is not an example of int data type?

**Answer ( Please select your correct option )**

VuAnswers.com

○ 0

○ -32

○ 65531

○ -4.0    correct

Made by: Waqar Siddhu

For which array, the size of the array should be one more than the number of elements in an array?

**Answer ( Please select your correct option )**

VuAnswers.com

○ int

○ double

○ float

○ char

correct

If an integer takes 4 bytes in the memory then how many bytes will be allocated in the memory for the following code?

```
#include<iostream.h>
#include<stdlib.h>

int main()
```

**Answer ( Please select your correct option )**

- ○ 12 bytes

- ○ 24 bytes

- ○ 48 bytes

- ○ 32 bytes

```
{

  int (*p)[4];
  p = (int (*) [4])malloc(3 *sizeof(*p));
  return 0;

}
```

VuAnswers.com

**Answer ( Please select your correct option )**

○  12 bytes

○  24 bytes

○  48 bytes

○  32 bytes

Made by: Waqar Siddhu

Which header file should be included to use functions like malloc() and calloc()?

**Answer ( Please select your correct option )**

VuAnswers.com

○ memory.h

○ iostream.h

○ stdlib.h                               correct

○ conio.h

Made by: Waqar Siddhu

Using a segment of source code again by adding new functionalities with slight or no modification is termed as _____.

**Answer ( Please select your correct option )**

○ code efficiency

○ code reusability     correct

○ code modification

○ code compatibility

The programs in which we allocate static memory run essentially on _____.

**Answer ( Please select your correct option )**

○ Heap

○ System Cache

○ Free Store

○ Stack          correct

VuAnswers.com

Made by: Waqar Siddhu

TWAIN stands for _____ .

**Answer ( Please select your correct option )**

○ Technology With An Interesting Name

○ Technology Without An Informative Name

○ Technology Without An Interesting Name

○ Technology With An Informative Name

Which of the following will be the correct function call for function prototype given below?
int func (int &);

**Answer ( Please select your correct option )**

VuAnswers.com

○ func(int num);

○ func(&num);                          correct

○ func(num);

○ func(*num);

Made by: Waqar Siddhu

The operator used for casting in C is standard _____ operator.

VuAnswers.com

**Answer ( Please select your correct option )**

○ binary

○ cast

correct

○ cost

○ const

The stream insertion and extraction operators _____.

**Answer ( Please select your correct option )**

○  must be overloaded as member function

○  must be overloaded as non-member function                                   correct

○  can be overloaded either as member or non-member

○  always overloaded in class functions

The operator function for stream insertion(>>) and stream extraction (<<) must be _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ A member function of class

○ Non-member function of class                                         correct

○ Can be a member and non-member function

○ A constructor of the class

Made by: Waqar Siddhu

In statement Matrix m2 = m1 ;

**Answer ( Please select your correct option )**

VuAnswers.com

○ Assignment operator is being used

correct

○ Copy constructor is being used.

○ Statement has syntax error

○ Statement has logical error

Which of the following is true while overloading operators?

**Answer ( Please select your correct option )**

VuAnswers.com

○ Precedence of an operator can be changed

○ The arity (number of operands) can be changed

○ No new operators can be created

○ Associativity of an operator can be changed

Made by: Waqar Siddhu

Which of the following is true about operator overloading?

**Answer ( Please select your correct option )**

VuAnswers.com

○ The operator works with only objects of the class in which it is overloaded.

○ The operator works with objects and primitive data types regardless of parameters.

○ The operator works with both objects and primitive data types depending on parameters.

○ The operator must have a constant and an object as parameters.

Made by: Waqar Siddhu

A template function must have at least _____ generic data type.

**Answer ( Please select your correct option )**

○ Zero

○ One

○ Two

○ Three

Templates provide way of abstracting _____ information.

**Answer ( Please select your correct option )**

○ type

○ data

○ method

○ access

The appropriate data type to store the number of rows and colums of the matrix is_____.

**Answer ( Please select your correct option )**

○ int

○ char

○ float

○ strings

ANSI stands for _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Asian National Standards Institute

○ American National Standards Institute

○ American Neutral Standards Institute

○ Australian National Standards Institute

Made by: Waqar Siddhu

Which of the following option will be true, if we overload "-=" operator?

**Answer ( Please select your correct option )**

VuAnswers.com

○ only - operator needs to be overloaded

○ Minus (-) and = operators need to be overloaded

○ the -= operator need to be overloaded explicitly

○ the - and = operators need to be overloaded implicitly

Made by: Waqar Siddhu

In operator overloading, a non-member unary operator function takes _____ arguments.

**Answer ( Please select your correct option )**

VuAnswers.com

- ○ 0
- ○ 2
- ○ 1
- ○ 3

Made by: Waqar Siddhu

By using objects as class members, _____ is achieved.

**Answer ( Please select your correct option )**

○ Accessibility

○ Reliability

○ Reusability

○ Usability

A class whose object is contained as const object, must have _____ .

**Answer ( Please select your correct option )**

VuAnswers.com

○ Getter/Setter Functions

○ Default Constructor

○ Parameterized Constructor

○ Operator Overlaoding Functions

Made by: Waqar Siddhu

The initializer list is used to initialize the contained objects of a class at _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Debugging time

○ Construction time

○ Compile time

○ Run time

Made by: Waqar Siddhu

Which of the following statement is true about Assignment operator (=) and output stream 'cout'?

**Answer ( Please select your correct option )**

VuAnswers.com

○ Assignment operator is left associative whereas cout is right associative.

○ Assignment operator is right associative whereas cout is left associative.

○ Both (Assignment operator, output stream 'cout') are right associative.

○ Both (Assignment operator, output stream 'cout') are left associative.

Made by: Waqar Siddhu

The stream insertion and stream extraction operators are already overloaded for _____.

**Answer ( Please select your correct option )**

○ User-defined data types

○ Built-in data types

○ User-defined and built-in data types

○ Constants

The input/output streams cin and cout are _____ therefore have _____.

**Answer ( Please select your correct option )**

○ Structures, function

○ Objects, member functions

○ Functions, objects

○ Structures, non member functions

When an object of a class is defined inside an other class then _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ Constructor of enclosing class will be called first

○ Constructor of inner object will be called first

○ Constructor and Destructor will be called simultaneously

○ Only destructor will be called

Made by: Waqar Siddhu

If text is a pointer of class String then purpose of statement below is to _____.

text = new String [5];

**Answer ( Please select your correct option )**

VuAnswers.com

○ Create an array of 5 string objects statically

○ Create an array of 5 string objects dynamically

○ Create an array of pointers to String

○ Create an object of String

Made by: Waqar Siddhu

Which of the following is NOT a preprocessor directive?

**Answer ( Please select your correct option )**

VuAnswers.com

○ #error

○ #define

○ #line

○ #ndefine

Made by: Waqar Siddhu

The function free() returns back the allocated memory got through calloc and malloc to _____ .

**Answer ( Please select your correct option )**

○ stack

○ heap

○ free memory store

○ both to heap and stack

Which value is returned by the destructor of a class?

**Answer ( Please select your correct option )**

○ A pointer to the class.

○ An object of the class.

○ A status code determining whether the class was destructed correctly

○ Destructors do not return a value.

(*this) represents _____.

**Answer ( Please select your correct option )**

VuAnswers.com

○ The current function of the class

○ The current pointer of the class

○ The current object of the class

○ A value of the data member

Made by: Waqar Siddhu

When we define an array of objects then _____.

**Answer ( Please select your correct option )**

○ Constructor will never call

○ Depends on the size of array

○ Constructor will be called once for whole array

○ Constructor will be called for each object of the array

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites          Suggested Sites ▾       Web Slice Gallery ▾

Examination          VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 1 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

Loop is also called _____ structure.

**Answer ( Please select your correct option )**

○   Decision

○   Repetition                              correct

○   Sequential

○   Hierarchical

Start Time: 4:10 PM

110:00
Time Left

1

Done

http://localhost/VUTES/client/Instructions.aspx

When a multidimensional array is accessed, each array index is_____

**Answer ( Please select your correct option )**

○ separated by commas

○ surrounded by brackets and separated by commas

**correct**

○ separated by commas and surrounded by brackets

○ surrounded by brackets.

Start Time: 4:10 PM

110:00
Time Left

2

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▾      Web Slice Gallery ▾

Examination          VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 3 of 52**                          **Marks: 1 (Budgeted Time 1 Min)**

Which of the given operators is not a valid compound assignment operator ?

**Answer ( Please select your correct option )**

○   >>=

○   =>>

        **correct**

○   *=

○   &=

Start Time: 4:10 PM

110:00
Time Left

3

paper.aspx

To assigned a value to a character type variable, _____ are used around the value.

**Answer ( Please select your correct option )**

○ parenthesis ( )

○ single qoutes ' '

**correct**

○ double qoutes " "

○ curly braces { }

We use variable of type _____ to store any character value like a, b, c.

**Answer ( Please select your correct option )**

○ int

○ double

○ float

○ char    correct

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites       Suggested Sites ▼     Web Slice Gallery ▼

Examination          VU Examination System (... ✕

**Question No : 6 of 52**                                                                 **Marks: 1 (Budgeted Time 1 Min)**

Which of the following data types will be assumed if no data type is specified with constant?

**Answer ( Please select your correct option )**

○    short

○    float

○    int                                                                    Correct answer solved by hadi
                                    **correct**                            email : usmanraj20@gmail.com
                                                                           Cell  : 03228043306

○    double

Start Time: 4:10 PM

**110:00**           6
Time Left

MADE BY WAQAR SIDDHU

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

**Question No : 7 of 52**  **Marks: 1 (Budgeted Time 1 Min)**

Which header file should be included to use functions like malloc() and calloc()?

**Answer ( Please select your correct option )**

○ memory.h

○ iostream.h

○ stdlib.h   **correct**   email : usmanraj20@gmail.com
Cell : 03228043306

○ conio.h

Start Time: 4:10 PM

110:00   Time Left

7

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination          VU Examination System (... ✕

Page ▼    Safety ▼    Tools ▼

**Question No : 8 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

If we have $x = 7$ then the new value of x after evaluating the expression $x\%= 2$ is _____

**Answer ( Please select your correct option )**

○    2

○    3

○    1

○    7

Start Time: 4:10 PM

110:00
Time Left

8

MADE BY WAQAR SIDDHU

paper.aspx

File    Edit    View    Favorites    Tools    Help

Favorites    Suggested Sites ▾    Web Slice Gallery ▾

Examination    VU Examination System (... ✕

Page ▾    Safety ▾    Tools ▾

**Question No : 9 of 52**    **Marks: 1 (Budgeted Time 1 Min)**

The statement x += y can be interpreted as _____.

**Answer ( Please select your correct option )**

○ Adding the value of the x to the value of the y and storing the result in x

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○ Adding the value of the y to the value of the x; store the result in y

○ Adding the value of the x to the value of the x; store the result in x

○ Adding the value of the y to the value of the y; store the result in x

Start Time: 4:10 PM

110:00
Time Left

9

MADE BY WAQAR SIDDHU

http://localhost/VUTES/client/Instructions.aspx

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination          VU Examination System ( ... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 10 of 52**                                              **Marks: 1 (Budgeted Time 1 Min)**

A variable declared inside a code block becomes _____ variable for that block.

**Answer ( Please select your correct option )**

○  global

○  static

○  local                              **correct**

○  inner

Start Time: 4:10 PM

**110:00**
Time Left

10

paper.aspx

If a friend function outside the class declares itself friend of the class, this may violate the concept of _____.

**Answer ( Please select your correct option )**

○ Encapsulation and data accessing

○ Encapsulation and data hiding

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○ Friend member functions of the class

○ Interface of the class

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites     Suggested Sites ▾     Web Slice Gallery ▾

Examination     VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 12 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

Initializing the data members in the definition of the class is _____

**Answer ( Please select your correct option )**

○   syntax error

                                    **correct**

○   logical error

○   not an error

○   compile time error

Start Time: 4:10 PM

110:00
Time Left

12

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▾      Web Slice Gallery ▾

Examination          VU Examination System (... ✕

**Question No : 13 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

The functions width, fill and precision are defined in _____ header file.

**Answer ( Please select your correct option )**

○   conio.h

○   iomanip.h                    **correct**                    Correct answer solved by hadi
                                                                email : usmanraj20@gmail.com
                                                                Cell  : 03228043306

○   iostream.h

○   stdlib.h

Start Time: 4:10 PM

**110:00**
Time Left

13

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼   Web Slice Gallery ▼

Examination      VU Examination System (... ✕

**Question No : 14 of 52**                                **Marks: 1 (Budgeted Time 1 Min)**

width() is a member function of _____.

**Answer ( Please select your correct option )**

○   cin object

○   cout object

○   Both cout and cin objects

**correct**

○   User-defined class

Start Time: 4:10 PM

110:00
Time Left

14

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites   Suggested Sites ▼   Web Slice Gallery ▼

Examination   VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 15 of 52**                                     **Marks: 1 (Budgeted Time 1 Min)**

The first parameter of operator function for << operator,

**Answer ( Please select your correct option )**

○   Must be passed by value

○   Must be passed by reference

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell  : 03228043306

○   Can be passed by value or reference

○   Must be object of class

Start Time: 4:10 PM

**110:00**
Time Left

15

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites        Suggested Sites ▼        Web Slice Gallery ▼

Examination        VU Examination System (... ✕

Page ▼    Safety ▼    Tools ▼

**Question No : 16 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

Which of the following option is true about static data members of a class?

**Answer ( Please select your correct option )**

○   The static data members cannot be private or public

○   The static data members must be private

○   The static variables must be public

○   The static data members can be private or public

**correct**

Start Time: 4:10 PM

110:00
Time Left

16

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites        Suggested Sites ▼        Web Slice Gallery ▼

Examination        VU Examination System (... ✕

Page ▼    Safety ▼    Tools ▼

**Question No : 17 of 52**                                   **Marks: 1 (Budgeted Time 1 Min)**

When a call to a user-defined function finishes, the variable defined inside the function will _____.

**Answer ( Please select your correct option )**

○    still in existence

○    not exist further                                                            **Correct answer solved by hadi**
                                                                                 **email : usmanraj20@gmail.com**
                                 **correct**                                     **Cell : 03228043306**

○    finish but a copy will remain in memory

○    become static for other functions

Start Time: 4:10 PM

**110:00**        17
Time Left

paper.aspx

The pointer returned by the new operator points to _____ of memory chunks allocated by the new operator.

**Answer ( Please select your correct option )**

○ Second memory address

○ First memory address

**correct**

○ Last memory address

○ Last memory address of the previous chunk

If overloaded plus operator is implemented as member function then which of the following option will be true for the statement given below?
obj3 = obj1 + obj2 ;

**Answer ( Please select your correct option )**

○ obj1 will be passed as an argument to + operator  whereas obj2 will drive the + operator

○ obj1 will drive the + operator whereas obj2 will be passed as an argument to + operator

○ Both objects (obj1, obj2) will be passed as arguments to the + operator

**correct**

○ Any of the objects (obj1, obj2) can drive the + operator

A template function must have at least _____ generic data type.

**Answer ( Please select your correct option )**

○ Zero

○ One           correct

○ Two

○ Three

Made by: Waqar Siddhu

With template function, the compiler automatically detects the _____ and generates _____ using passed data.

**Answer ( Please select your correct option )**

○ passed data , a new copy of function                    **correct**

○ parameters, an old copy of function

○ old copy of function,  parameters

○ parameters, an new copy of function

The appropriate data type to store the number of rows and colums of the matrix is_____ .

**Answer ( Please select your correct option )**

○ float

○ strings

○ int

correct

○ char

ANSI stands for _____.

**Answer ( Please select your correct option )**

○ American Neutral Standards Institute

○ Australian National Standards Institute

○ Asian National Standards Institute

○ American National Standards Institute     correct

In the member initializer list, the data members are initialized _____.

**Answer ( Please select your correct option )**

○ From left to right

○ From right to left

○ In the order in which they are defined within class

**correct**

○ There is no order for initialization

The initializer list is used to initialize the contained objects of a class at _____.

**Answer ( Please select your correct option )**

○ Run time

○ Debugging time

○ Construction time

○ Compile time

correct

Made by: Waqar Siddhu

When an object of a class is defined inside an other class then _____.

**Answer ( Please select your correct option )**

○ Constructor of enclosing class will be called first

**correct**

○ Constructor of inner object will be called first

○ Constructor and Destructor will be called simultaneously

○ Only destructor will be called

A constructor will create a new object with a full copy of the other object, this type of copy is known as _____.

**Answer ( Please select your correct option )**

○ Deep copy

<p align="center">**correct**</p>

○ Shallow copy

○ Constructor copy

○ Object copy

When we define an array of objects then _____ .

**Answer ( Please select your correct option )**

○ Destructor will be called once for the whole array

○ Destructor will be called for each object of the array                 **correct**

○ No Destructor will be called

○ Destructor for only first object in the array will be called

Which of the following function is used to increase the size of already allocated memory chunk?

**Answer ( Please select your correct option )**

○ malloc

○ calloc

○ realloc

**correct**

○ free

NULL value has been defined in _____ and _____ header files.

**Answer ( Please select your correct option )**

O    strings.h , iostream.h

O    ctype.h , conio.c

O    conio.c , conio.h

O    stdlib.h , stddef.h

correct

Which of the following function call is correct for the function prototype?
defaultParameters ( int a, int b = 7, char z = '*' );

**Answer ( Please select your correct option )**

○ defaultParameters (5);

**correct**

○ defaultParameters (5, '8');

○ defaultParameters (6, '#');

○ defaultParameters (0, 0, '*', 0);

Made by: Waqar Siddhu

Friend function of a class is _____.

**Answer ( Please select your correct option )**

○ Private function

○ Non-member function                          **correct**

○ Public function

○ Member function

The declarator of Plus (+) member operator function is _____.

## Answer ( Please select your correct option )

○ Class-Name  operator + (Class-Name  rhs)

○ operator Class-Name + ( )

○ operator Class-Name + ( rhs)

○ Class-Name  operator + ( )

The operator function will be implemented as _____, if obj1 drive the - operator whereas obj2 is passed as arguments to - operator in the statement given below.

```
obj3  =  obj1 -  obj2;
```

**Answer ( Please select your correct option )**

○ **Friend function**

○ Virtual Function

○ Member function

                            **correct**

○ Non-member function

Consider the following code segment

```
class M {
  friend int operator!(const M &);
...
};
```

**Answer ( Please select your correct option )**

○ Member function

○ Non-member function

○ Binary operator function

○ Friend Function

Made by: Waqar Siddhu

When the compiler overloads the assignment (=) operator by default then _____.

**Answer ( Please select your correct option )**

○ compiler does not allow default overload of assignment (=) operator

○ member of the class are not assigned properly

○ Compiler does assiggnment of some selected members

○ compiler does member wise assignment.

Made by: Waqar Siddhu

Correct syntax of function prototype for overloading new operator is _____.

**Answer ( Please select your correct option )**

○ void* new operator(size_t size)

○ void* new(size_t size)

○ operator new(size_t size)

○ void* operator new(size_t size)

correct

Made by: Waqar Siddhu

There is a pointer variable named *ptr* of type float then address of which type of variable the *ptr* will store in it?

**Answer ( Please select your correct option )**

- ○ int

  **correct**

- ○ float

- ○ char

- ○ double

Made by: Waqar Siddhu

Which one is the correct syntax for defining an identifier PI with preprocessor directive?

**Answer ( Please select your correct option )**

○ #undef PI 3.1415926

○ #define PI 3.1415926                    **correct**

○ #define  PI = 3.1415926

○ #ifdef PI = 3.1415926

Made by: Waqar Siddhu

Whenever we allocate any memory from the_____ then starting position of the block of the memory allocated is returned as an address that is kept in a pointer.

**Answer ( Please select your correct option )**

○ Flush

○ Buffer

○ Heap

**correct**

○ Stack

http://localhost/VUTES/client/Instructions.aspx

**Question No : 1 of 52**                              **Marks: 1 (Budgeted Time 1 Min)**

A _____ statement specifies that an action is to be repeated while some condition remains true.

**Answer ( Please select your correct option )**

- repetition

- control

- conditional

  correct

- assignment

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell  : 03228043306

Start Time: 4:16 PM

108:00
Time Left

1

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination        VU Examination System (... ✕

**Question No : 2 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

The operators ++ and -- are used to increment or decrement the value of a variable by _____

**Answer ( Please select your correct option )**

○  3

○  2

○  1
                    **correct**

○  4

Start Time: 4:16 PM

108:00
Time Left

2

paper.aspx

Variables which hold memory addresses are called _____

**Answer ( Please select your correct option )**

○ Pointer Variables

correct

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○ Local variables

○ Local objects

○ Function Variables

Start Time: 4:16 PM

108:00
Time Left

3

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination    VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

The condition in loop should be a(n) _____.

**Answer ( Please select your correct option )**

○   Arithmatic Expression            **correct**

○   Constant Expression

○   Boolean Expression

○   Primary Expression

Start Time: 4:16 PM

**108:00**
Time Left

4

paper.aspx

When **break** statement is encountered in a loop body it _____ .

○ transfers the control outside from current loop

**correct**

○ transfers the control outside from current program

○ enforces the next iteration of loop

○ generates compile time error

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites    Suggested Sites ▼    Web Slice Gallery ▼

Examination    VU Examination System (... ✕

**Question No : 6 of 52**                                                      **Marks: 1 (Budgeted Time 1 Min)**

Which of the following is not an example of int data type?

**Answer ( Please select your correct option )**

○   0

○   -32

○   65531

○   -4.0

**correct**

Start Time: 4:16 PM

**108:00**
Time Left

6

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites     Suggested Sites ▼     Web Slice Gallery ▼

Examination          VU Examination System (... ✕

**Question No : 7 of 52**                                                         **Marks: 1 (Budgeted Time 1 Min)**

The dynamic memory allocation uses memory from the _____.

**Answer ( Please select your correct option )**

○   Stack

○   Heap

**correct**                     Correct answer solved by hadi
                                email : usmanraj20@gmail.com
                                Cell : 03228043306

○   System Cache

○   Secondary Storage

Start Time: 4:16 PM

108:00
Time Left

7

MADE BY WAQAR SIDDHU

paper.aspx

_____ executes all the lines before error and stops at the line which contains the error.

**Answer ( Please select your correct option )**

○ Intrepreter

**correct**

○ Compiler

○ Linker

○ Debugger

Start Time: 4:16 PM

108:00
Time Left

8

http://localhost/VUTES/client/Instructions.aspx

**Question No : 9 of 52**                          **Marks: 1 (Budgeted Time 1 Min)**

The return type of a function that does not return any value must be _____.

**Answer ( Please select your correct option )**

○ float

○ int

○ void                         **correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell  : 03228043306

○ double

Start Time: 4:16 PM

108:00    Time Left

9

MADE BY WAQAR SIDDHU

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites    Suggested Sites ▼    Web Slice Gallery ▼

Examination    VU Examination System (... ✕

**Question No : 10 of 52**                              **Marks: 1 (Budgeted Time 1 Min)**

In C/C++, when two programs a and b are trying to open a file xyz.txt at same time then _____.

**Answer ( Please select your correct option )**

○   Both programs will generate error

○   Only one of them will succeed in opening that file and other will fail

                                           correct

○   Both programs will open the file

○   One of the program will re-start

Start Time: 4:16 PM

108:00
Time Left

10

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination          VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 11 of 52**                                        **Marks: 1 (Budgeted Time 1 Min)**

Which of the following is the correct C++ syntax to allocate space dynamically for an array of 10 int?

**Answer ( Please select your correct option )**

○ new int(10) ;

○ new int[10] ;                          **correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell  : 03228043306

○ int new(10) ;

○ int new[10];

Start Time: 4:16 PM

**108:00**
Time Left

11

MADE BY WAQAR SIDDHU

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination          VU Examination System (... ✕

**Question No : 12 of 52**                    **Marks: 1 (Budgeted Time 1 Min)**

The **ws** manipulator can be used with _____ stream(s).

**Answer ( Please select your correct option )**

○ Output

○ Input                    **correct**

○ Input/Output

○ Buffered

Start Time: 4:16 PM

108:00
Time Left

12

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites        Suggested Sites ▼       Web Slice Gallery ▼

Examination        VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 13 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

Which of the following is not a value of base field in set flag function ?

**Answer ( Please select your correct option )**

○   oct

○   bin

**correct**                                 Correct answer solved by hadi
                                            email : usmanraj20@gmail.com
                                            Cell  : 03228043306

○   dec

○   hex

Start Time: 4:16 PM

**108:00**
Time Left

13

paper.aspx

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites        Suggested Sites ▾        Web Slice Gallery ▾

Examination        VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 14 of 52**                                          **Marks: 1 (Budgeted Time 1 Min)**

The return type of the operator function for << operator is _____.

**Answer ( Please select your correct option )**

○   class for which we overload operator

○   reference of ostream class (ostream&)

○   reference of istream class (istream&)

○   void                                        Correct answer solved by hadi
                                                email : usmanraj20@gmail.com
                                                Cell : 03228043306
                         correct

http://localhost/VUTES/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites   |   Suggested Sites ▼   Web Slice Gallery ▼

Examination   |   VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 15 of 52**                    **Marks: 1 (Budgeted Time 1 Min)**

The parameter passed to the user-defined manipulator during its definition is an object of _____.

**Answer ( Please select your correct option )**

○   ofstream

○   instream

○   ostream

○   ifstream

Start Time: 4:16 PM

108:00
Time Left

15

MADE BY WAQAR SIDDHU

paper.aspx

The operator function overloaded for an assignment operator (=) must be _____.

**Answer ( Please select your correct option )**

○ Friend function of class

○ Non-member function of Friend function

○ Non-member function of class

○ Member function of class

Start Time: 4:16 PM

108:00
Time Left

16

MADE BY WAQAR SIDDHU

**Question No : 17 of 52**                                              **Marks: 1 (Budgeted Time 1 Min)**

With template function, the compiler automatically detects the _____ and generates _____ using passed data.

**Answer ( Please select your correct option )**

○  passed data , a new copy of function

correct

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell  : 03228043306

○  parameters, an old copy of function

○  old copy of function,  parameters

○  parameters, an new copy of function

**Start Time: 4:16 PM**

**108:00**
Time Left

17

MADE BY WAQAR SIDDHU

The appropriate data type to store the number of rows and colums of the matrix is_____.

**Answer ( Please select your correct option )**

○ float

○ strings

○ int

correct

○ char

The operator function will be implemented as _____, if both objects (obj1, obj2) are passed as arguments to - operator in the statement given below.
obj3 = obj1 - obj2;

**Answer ( Please select your correct option )**

○ friend function

○ member function                                      **correct**

○ non-member function

○ either non-member or friend function

By using objects as class members, _____ is achieved.

**Answer ( Please select your correct option )**

○ Accessibility

○ Reliability

○ Reusability   **correct**

○ Usability

In the member initializer list, the data members are initialized _____.

**Answer ( Please select your correct option )**

○ From left to right

○ From right to left

○ In the order in which they are defined within class

**correct**

○ There is no order for initialization

_____ data members of a contained object can be accessed from inside of the containing class.

**Answer ( Please select your correct option )**

○ Private

**correct**

○ Public

○ Protected

○ All

The statement cin.get (); is used to _____.

**Answer ( Please select your correct option )**

○ Read a string from keyboard

○ Read a character from keyboard          **correct**

○ Read a string from file

○ Read a character from file

When an object of a class is defined inside an other class then _____ .

**Answer ( Please select your correct option )**

○ Constructor of enclosing class will be called first

correct

○ Constructor of inner object will be called first

○ Constructor and Destructor will be called simultaneously

○ Only destructor will be called

Made by: Waqar Siddhu

The order of destruction of an object is _____.

**Answer ( Please select your correct option )**

○ same as the construction order.

○ reverse as the construction order.                    **correct**

○ independent of the construction order.

○ same as the order of objects declared.

When we define an array of objects then _____.

**Answer ( Please select your correct option )**

○ Destructor will be called once for the whole array

○ Destructor will be called for each object of the array

**correct**

○ No Destructor will be called

○ Destructor for only first object in the array will be called

Made by: Waqar Siddhu

At the time of linking, library functions are available in the _____ form.

**Answer ( Please select your correct option )**

○ compiled

○ text

**correct**

○ runable

○ code

If we define an identifier with the statement #define PI 3.1415926 then during the execution of the program, the value of PI_____.

**Answer ( Please select your correct option )**

○ can not be replaced

○ can be changed by using function

○ remains constant

correct

○ can be changed by some operation

Made by: Waqar Siddhu

The functions used for dynamic memory allocation return pointer of type _____.

**Answer ( Please select your correct option )**

○ int

○ float

○ double

○ void

correct

Which of the following is a valid class declaration?

**Answer ( Please select your correct option )**

○ class B { }

○ public class A { }

○ object A { int x; };

○ class A { int x; };    correct

If constructor contains a return statement in its body then compiler will give _____.

**Answer ( Please select your correct option )**

○ No error

○ Syntax error

**correct**

○ Logical error

○ Run time error

Which one of the given options is correct prototype syntax for overloaded operator?

**Answer ( Please select your correct option )**

○　return-type operator-symbol (parameter-list) operator;

○　operator return-type operator-symbol (parameter-list);

○　return-type operator operator-symbol (parameter-list);

○　return-type operator-symbol operator (parameter-list);

The following prototype of unary operator function indicates that it is _____.

Date operator++(int )

**Answer ( Please select your correct option )**

○ Member functions of post increment operator

○ Member functions of pre increment operator

**correct**

○ Non-member functions of post increment operator

○ Non-member functions of pre increment operator

Made by: Waqar Siddhu

Consider the following code segment.

```
class M {
public:
  M &operator+(const M &);
...
```

**Answer ( Please select your correct option )**

○ Member function

○ Non-member function

○ Friend function

○ Virtual function

Made by: Waqar Siddhu

Consider the following code segment

```
class M {
    friend int operator!(const M &);
...
};
```

**Answer ( Please select your correct option )**

○ Member function

○ Non-member function

○ Binary operator function

○ Friend Function

When we define an array of objects then _____.

**Answer ( Please select your correct option )**

○ Constructor will be called once for whole array

○ Constructor will be called for each object of the array

correct

○ Constructor will never call

○ Depends on the size of array

While overloading new and delete operators, we should take care that _____.

**Answer ( Please select your correct option )**

○ They should be overloaded for specific types instead of overloading globally.

○ Both of these operators should not be overloaded in the same program.

○ We should never overload either of these operators.

○ They should be not overloaded for specific types instead of overloading globally.

Made by: Waqar Siddhu

When the logical operator AND (&&) combines two expressions exp1 and exp2 then the result will be true only _____

**Answer ( Please select your correct option )**

○ When both exp1 and exp2 are true

○ When both exp1 and exp2 are false

○ When exp1 is true and exp2 is false

○ When exp1 is false and exp2 is true

In top down _____ programming a problem is broken into small pieces or modules and each small piece corresponds to a function.

**Answer ( Please select your correct option )**

○ Object Oriented

○ Structured

○ Assembly

○ High level

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▾      Web Slice Gallery ▾

Examination          VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 1 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

In Flow Chart, flow of control is represented by _____.

**Answer ( Please select your correct option )**

○   Rectangle

○   Circle

○   Diamond

○   Arrow

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell  : 03228043306

Start Time: 4:45 AM

**120:00**
Time Left

1

Done

Start   |   SQL Server Service Man...   |   untitled - Paint   |   VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

Live Search

File   Edit   View   Favorites   Tools   Help

Favorites   Suggested Sites ▾   Web Slice Gallery ▾

Examination   VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾
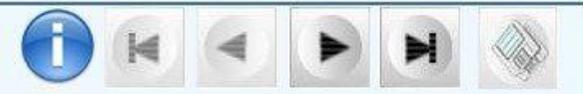
**Question No : 2 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

What is the range of Random number generator function rand()?

**Answer ( Please select your correct option )**

○   0 - 32768

○   1 - 32768

○   0 - 32767

**correct**

○   1 - 32767

Start Time: 4:45 AM

**118:00**
Time Left

2

Start   SQL Server Service Man...   untitled - Paint   VU Examination Syste...   My Documents

http://localhost/vutes/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites    Suggested Sites    Web Slice Gallery

Examination    VU Examination System (...

Page    Safety    Tools

**Question No : 3 of 52**                                           **Marks: 1 (Budgeted Time 1 Min)**

Matrix is defined as_____.

**Answer ( Please select your correct option )**

○    Single dimensional array

○    Multi-dimensional array                    **correct**         Correct answer solved by hadi
                                                                                    email : usmanraj20@gmail.com
                                                                                    Cell : 03228043306

○    Vector product

○    Scalar product

Start Time: 4:45 AM

**118:00**    Time Left

3

Start    SQL Server Service Man...    untitled - Paint    VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites        Suggested Sites ▾        Web Slice Gallery ▾

Examination          VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 4 of 52**                                          **Marks: 1 (Budgeted Time 1 Min)**

The programs in which we allocate static memory run essentially on _____.

**Answer ( Please select your correct option )**

○  Heap

○  System Cache

○  Free Store

○  Stack

**correct**

Start Time: 4:45 AM

**118:00**
Time Left

4

Start       SQL Server Service Man...       untitled - Paint       VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination      VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼
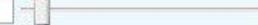
If a function has been declared but not defined before its function call then it is termed as_____.

**Answer ( Please select your correct option )**

○   logical error

○   syntax error                                           **correct**

○   run time error

○   program time error

Start Time: 4:45 AM

117:00   Time Left

5

Start      SQL Server Service Man...      untitled - Paint      VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites        Suggested Sites ▼    Web Slice Gallery ▼

Examination          VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 6 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

Whenever we use a library function or a predefined object or macro, we need to use a _____ .

**Answer ( Please select your correct option )**

○   source file

○   object file

○   header file                              **correct**

○   exe file

Start Time: 4:45 AM

**117:00**
Time Left

6

Start   |   SQL Server Service Man...   |   untitled - Paint   |   VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites | Suggested Sites ▾ | Web Slice Gallery ▾

Examination | VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 7 of 52**                                      **Marks: 1 (Budgeted Time 1 Min)**
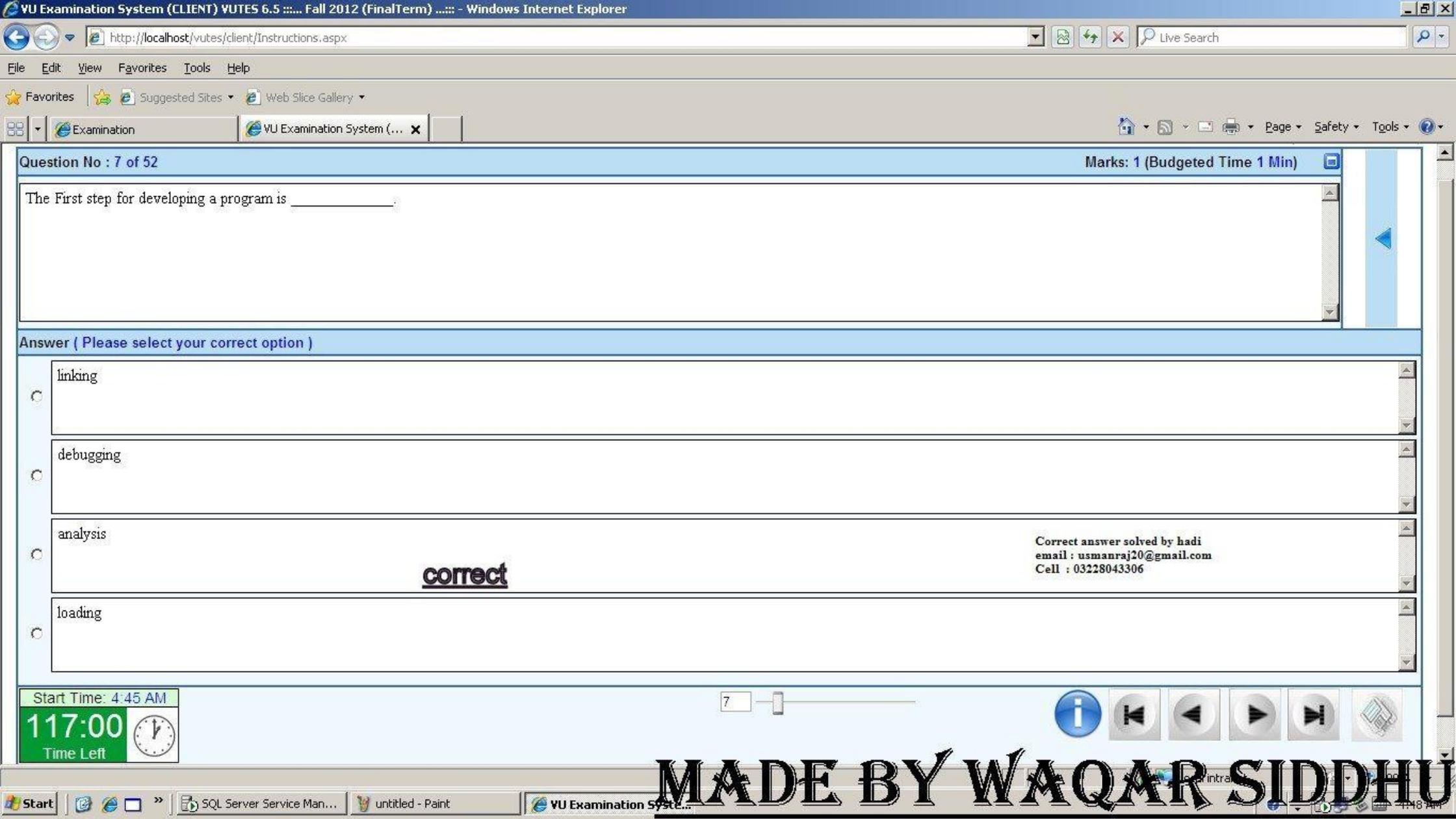
The First step for developing a program is _____.

**Answer ( Please select your correct option )**

○   linking

○   debugging

○   analysis

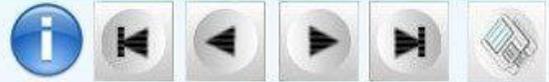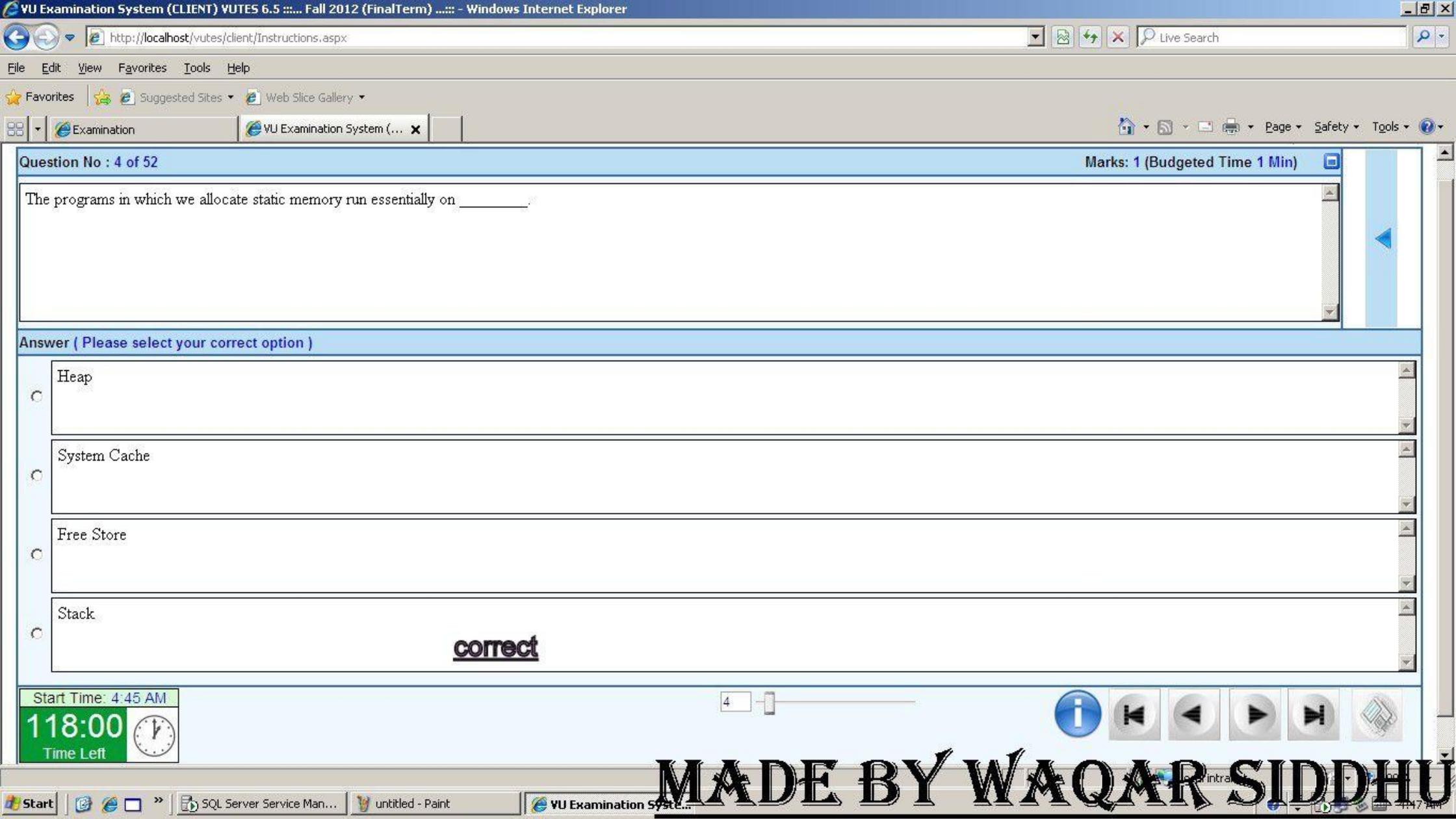**correct**                  Correct answer solved by hadi
                             email : usmanraj20@gmail.com
                             Cell : 03228043306

○   loading

Start Time: 4:45 AM

**117:00**   Time Left

7

Start | SQL Server Service Man... | untitled - Paint | VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites   Suggested Sites ▼   Web Slice Gallery ▼

Examination   VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 8 of 52**                          **Marks: 1 (Budgeted Time 1 Min)**

In C/C++, the default command line arguments passed to the main function are _____ .

**Answer ( Please select your correct option )**

○   float argc, char **argv

○   int argc, char **argv

**correct**

○   int *argc, char *argv

○   int argc, float **argv

Start Time: 4:45 AM

**117:00**   Time Left

8

Start   SQL Server Service Man...   untitled - Paint   VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File  Edit  View  Favorites  Tools  Help

Favorites | Suggested Sites ▾ | Web Slice Gallery ▾

Examination | VU Examination System (... ✕

Page ▾  Safety ▾  Tools ▾

**Question No : 9 of 52**                    **Marks: 1 (Budgeted Time 1 Min)**

In the statement $int \ \&x = y;$ compiler _____.

**Answer ( Please select your correct option )**

○  Creates a new variable $x$ in memory and assigns it value of variable $y$

○  Creates a new variable $x$ and assigns it the address of variable $y$

○  $x$ is just a new name of variable $y$ without creating a new variable in memory

**corrrect**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○  Creates a new variable $y$ in memory and assigns it value of variable $x$

Start Time: 4:45 AM

117:00    Time Left

9

Start | SQL Server Service Man... | untitled - Paint | VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▾      Web Slice Gallery ▾

Examination          VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 10 of 52**                                        **Marks: 1 (Budgeted Time 1 Min)**

The function seekg() takes _____ parameter(s).

**Answer ( Please select your correct option )**

○   0

○   1

○   2

**correct**

○   3

Start Time: 4:45 AM

**117:00**
Time Left

10
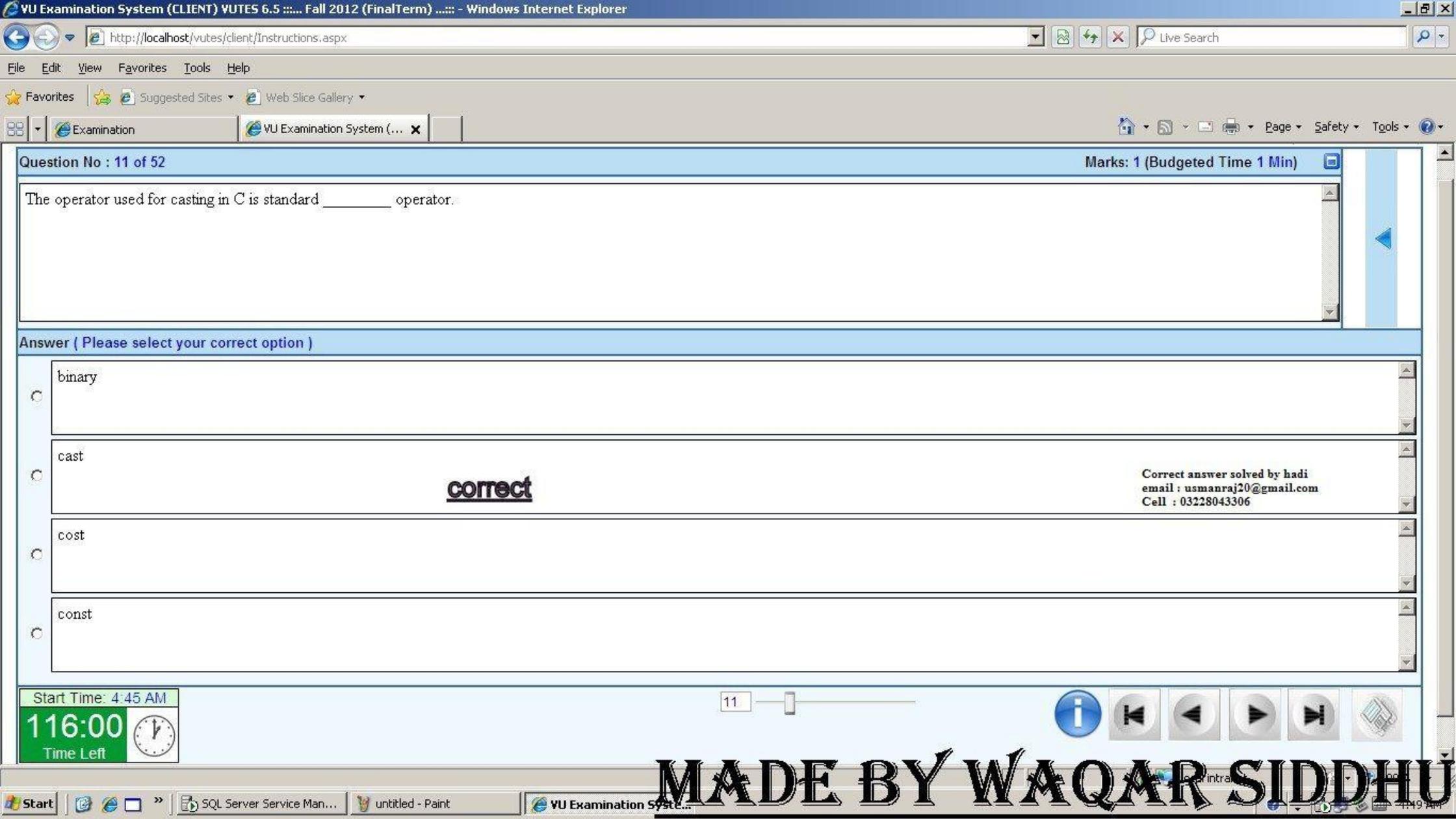
Start        SQL Server Service Man...      untitled - Paint      VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination          VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 11 of 52**                                                      **Marks: 1 (Budgeted Time 1 Min)**

The operator used for casting in C is standard _____ operator.

**Answer ( Please select your correct option )**

○   binary

○   cast

**correct**                   Correct answer solved by hadi
                              email : usmanraj20@gmail.com
                              Cell : 03228043306

○   cost

○   const

Start Time: 4:45 AM

**116:00**        11
Time Left

Start      SQL Server Service Man...      untitled - Paint      VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites        Suggested Sites ▾      Web Slice Gallery ▾

Examination        VU Examination System (... ✕

**Question No : 12 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

In case of pass by reference, _____.

**Answer ( Please select your correct option )**

○   The values of the variables are passed to the function so that it can manipulate them

○   The location of variable in memory is passed to the function

                                              **correct**

○   The function declaration should contain ampersand (&) in its type declaration

○   Temporary variables are created to store the values of the variables passed

Start Time: 4:45 AM

**116:00**          12

Time Left

Start       SQL Server Service Man...     11.bmp - Paint     VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites      Suggested Sites ▼    Web Slice Gallery ▼

Examination        VU Examination System (... ✕

Page ▼    Safety ▼    Tools ▼
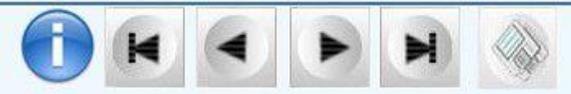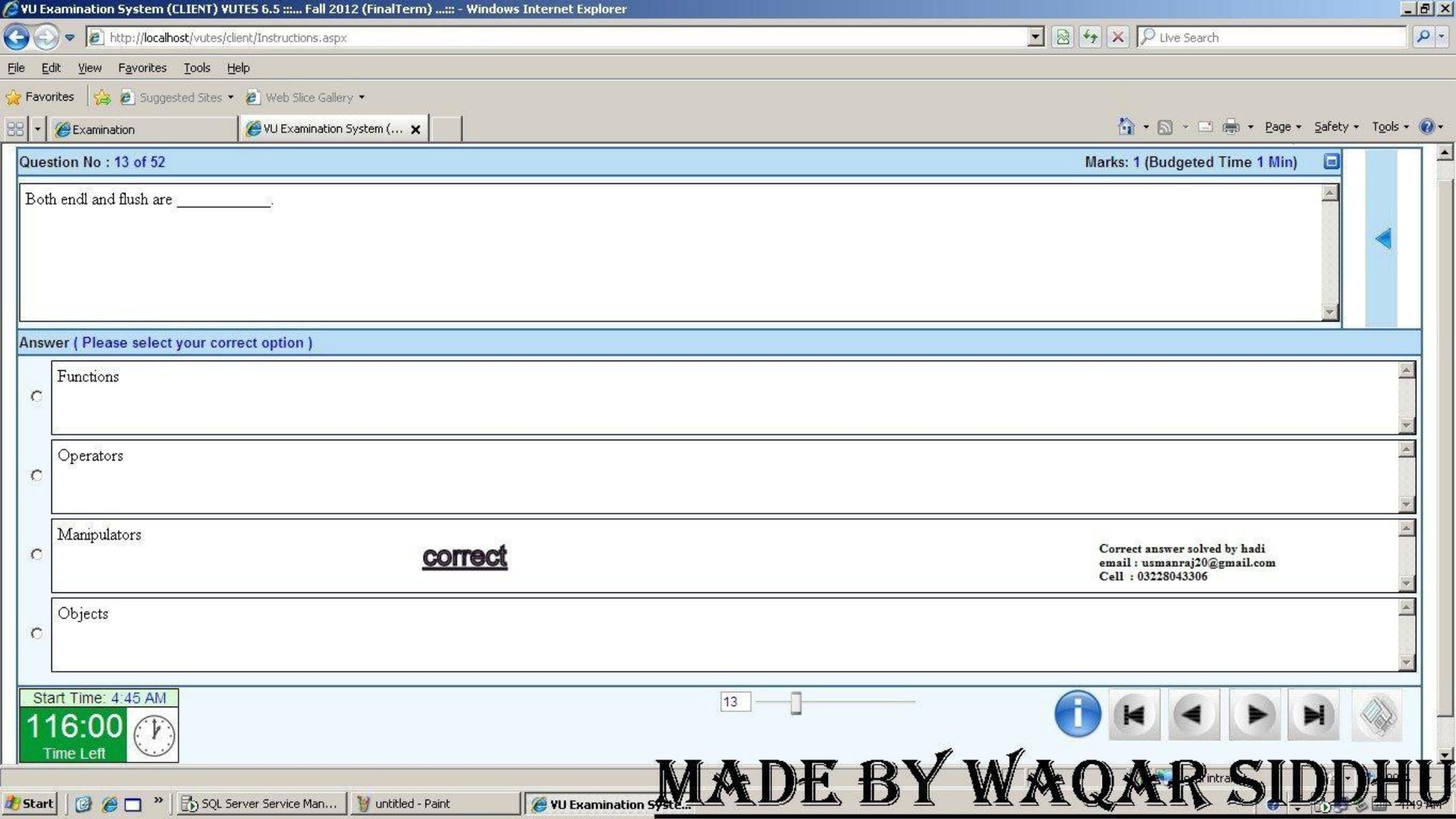
Marks: 1 (Budgeted Time 1 Min)

Both endl and flush are _____.

**Answer ( Please select your correct option )**

○    Functions

○    Operators

○    Manipulators                    **correct**                    Correct answer solved by hadi
                                                                    email : usmanraj20@gmail.com
                                                                    Cell : 03228043306

○    Objects

Start Time: 4:45 AM

116:00    Time Left

13

Start    SQL Server Service Man...    untitled - Paint    VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites          Suggested Sites ▾          Web Slice Gallery ▾

Examination          VU Examination System (... ✕

**Question No : 14 of 52**                                                    **Marks: 1 (Budgeted Time 1 Min)**

The first parameter of overloaded stream insertion operator is _____ where second parameter is _____.

**Answer ( Please select your correct option )**

○   input stream, object of class

○   object of class, output stream

○   output stream, object of class                              **correct**

○   object of class, input stream

Start Time: 4:45 AM

**116:00**
Time Left

14

Start   |   SQL Server Service Man...   |   untitled - Paint   |   VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites | Suggested Sites ▾ | Web Slice Gallery ▾

Examination | VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 15 of 52**                              **Marks: 1 (Budgeted Time 1 Min)**

The first parameter of operator function for << operator,

**Answer ( Please select your correct option )**

○   Must be passed by value

○   Must be passed by reference                    **correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○   Can be passed by value or reference

○   Must be object of class

Start Time: 4:45 AM

**116:00**   Time Left

15

Start | SQL Server Service Man... | untitled - Paint | VU Examination Syste...

With template function, the compiler automatically detects the _____ and generates _____ using passed data.

**Answer ( Please select your correct option )**

○ passed data , a new copy of function

**correct**

○ parameters, an old copy of function

○ old copy of function, parameters

○ parameters, an new copy of function

Start Time: 4:45 AM

115:00
Time Left

http://localhost/vutes/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites    Suggested Sites ▾    Web Slice Gallery ▾

Examination    VU Examination System (... ✕

Page ▾    Safety ▾    Tools ▾

**Question No : 17 of 52**    **Marks: 1 (Budgeted Time 1 Min)**

Templates provide way of abstracting _____ information.

**Answer ( Please select your correct option )**

○ type

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○ data

○ method

○ access

Start Time: 4:45 AM

**115:00**    Time Left

17

Start    SQL Server Service Man...    untitled - Paint    VU Examination Syste...

The appropriate data type to store the number of rows and colums of the matrix is_____.

**Answer ( Please select your correct option )**

○ float

○ strings

○ int

**correct**

○ char

Start Time: 4:45 AM

115:00
Time Left

18

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites   Suggested Sites ▾   Web Slice Gallery ▾

Examination   VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 19 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

ANSI stands for _____.

**Answer ( Please select your correct option )**
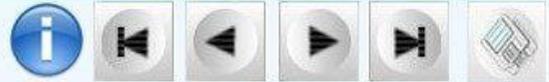
○   American Neutral Standards Institute

○   Australian National Standards Institute

○   Asian National Standards Institute

○   American National Standards Institute

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

Start Time: 4:45 AM

**115:00**   Time Left

19

Start   SQL Server Service Man...   untitled - Paint   VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites      Suggested Sites ▾      Web Slice Gallery ▾

Examination      VU Examination System (... ✕

Page ▾    Safety ▾    Tools ▾
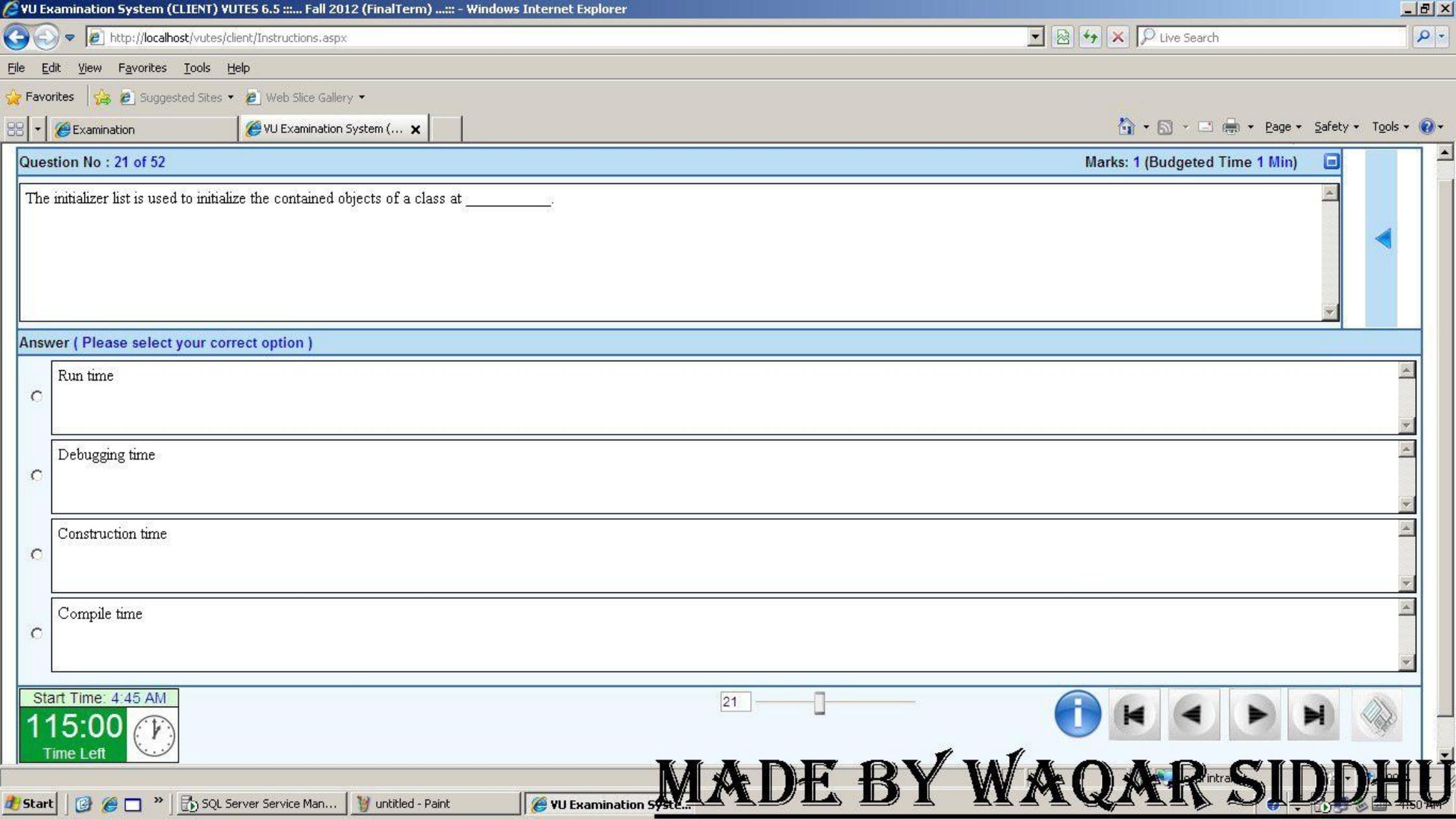
**Question No : 21 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

The initializer list is used to initialize the contained objects of a class at _____.

**Answer ( Please select your correct option )**

○  Run time

○  Debugging time

○  Construction time

○  Compile time

Start Time: 4:45 AM

**115:00**
**Time Left**

21

Start      SQL Server Service Man...      untitled - Paint      VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▾      Web Slice Gallery ▾

Examination      VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾
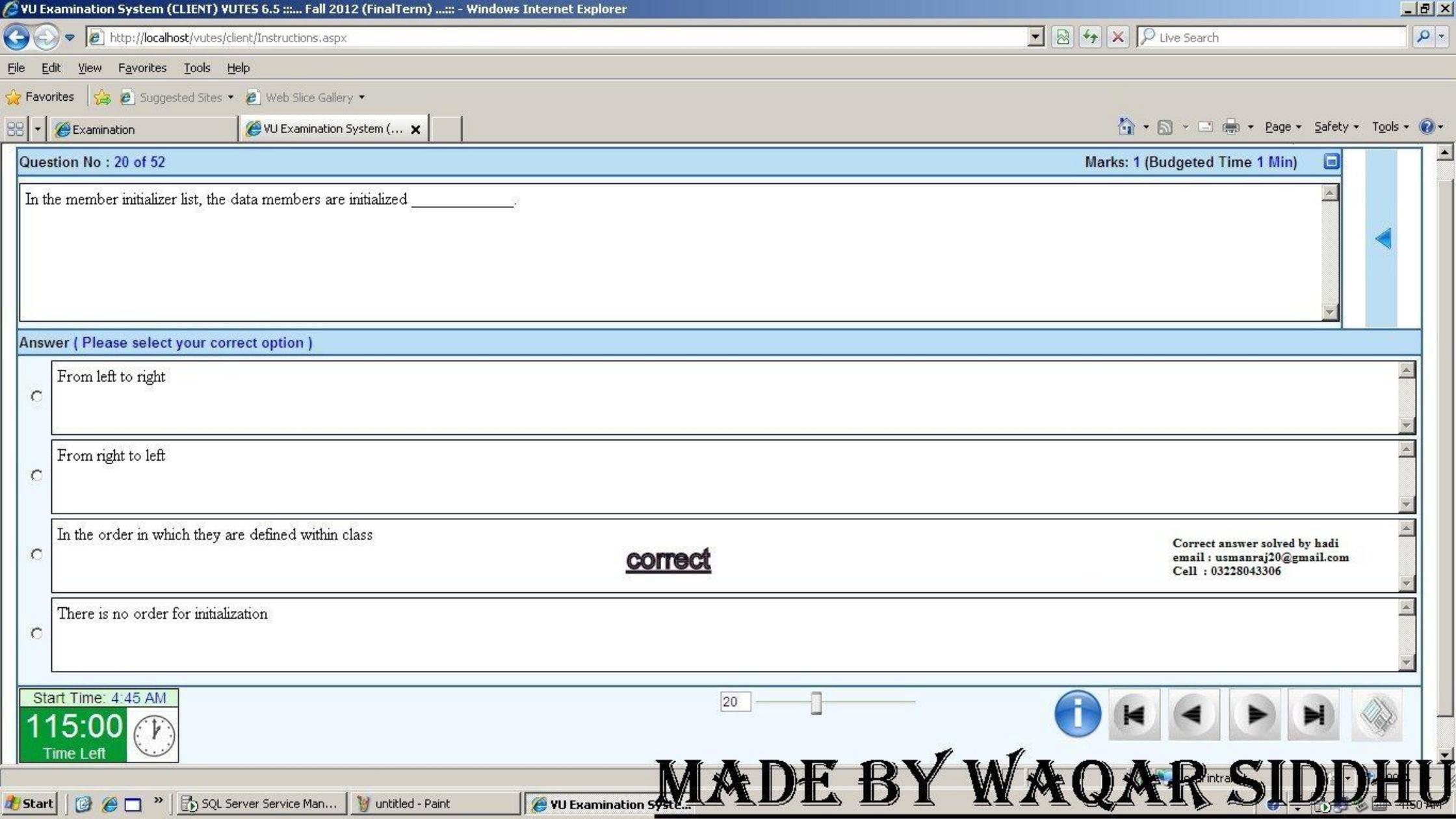
**Question No : 20 of 52**                    **Marks: 1 (Budgeted Time 1 Min)**

In the member initializer list, the data members are initialized _____.

**Answer ( Please select your correct option )**

○  From left to right

○  From right to left

○  In the order in which they are defined within class

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○  There is no order for initialization

Start Time: 4:45 AM

**115:00**
Time Left

20

Start      SQL Server Service Man...      untitled - Paint      VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites   |   Suggested Sites ▾   Web Slice Gallery ▾

Examination   |   VU Examination System (... ✗

Page ▾   Safety ▾   Tools ▾

**Question No : 22 of 52**     **Marks: 1 (Budgeted Time 1 Min)**

_____ in the following options is not a method of input stream.

**Answer ( Please select your correct option )**

○  getline()

○  peek()

○  unget()

**correct**

○  write()

Start Time: 4:45 AM

**114:00**   Time Left

22

Start   |   SQL Server Service Man...   |   untitled - Paint   |   VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

The stream insertion and stream extraction operators are already overloaded for _____.

**Answer ( Please select your correct option )**

○ User-defined data types

○ Built-in data types                     correct

○ User-defined and built-in data types

○ Constants

Start Time: 4:45 AM
114:00
Time Left

23

Every stream has _____.

**Answer ( Please select your correct option )**

○ Source only

○ Destination only

○ Source and destination

correct

○ No source

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▾      Web Slice Gallery ▾

Examination          VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾
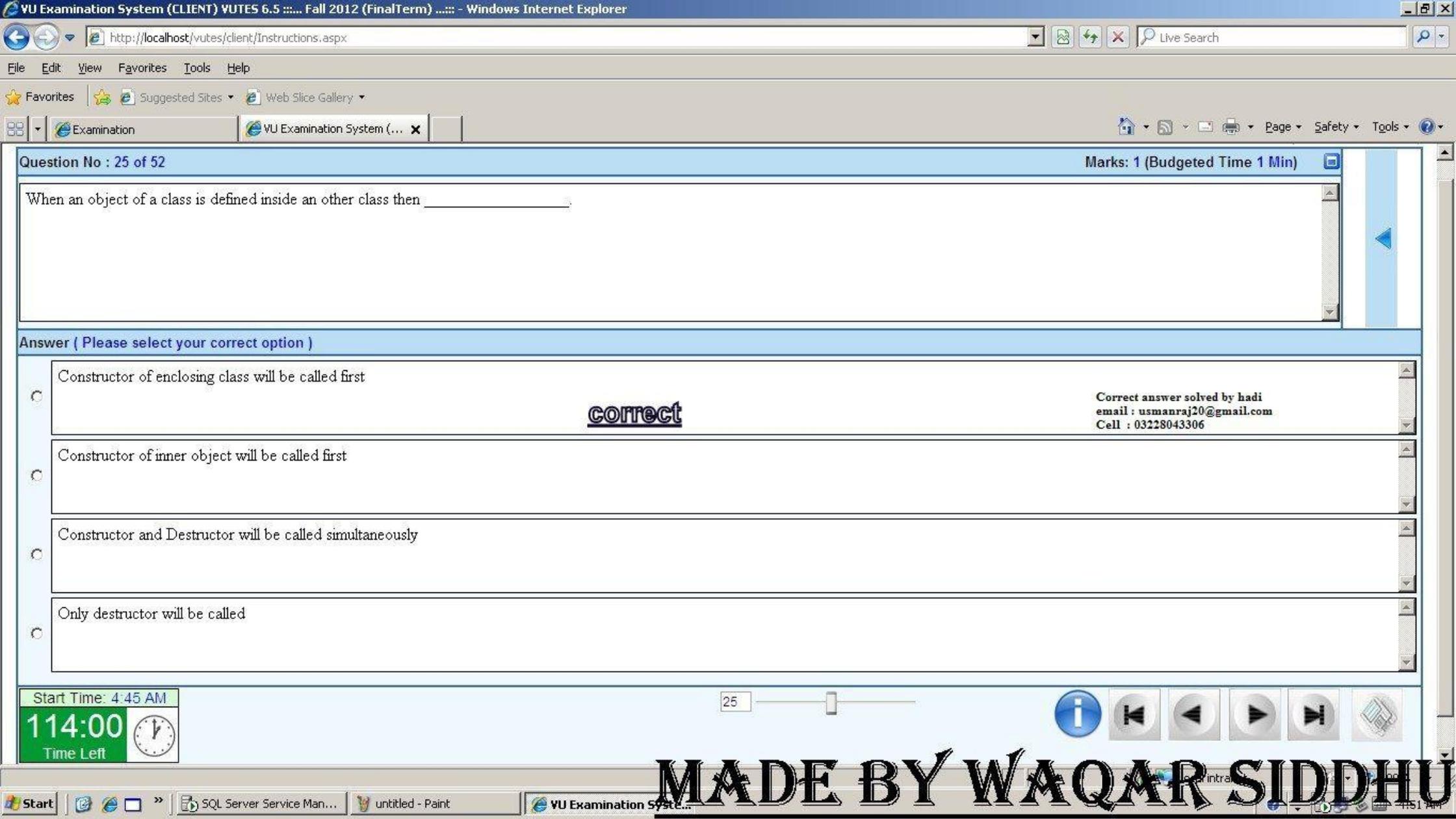
**Question No : 25 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

When an object of a class is defined inside an other class then _____.

**Answer ( Please select your correct option )**

○   Constructor of enclosing class will be called first

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○   Constructor of inner object will be called first

○   Constructor and Destructor will be called simultaneously
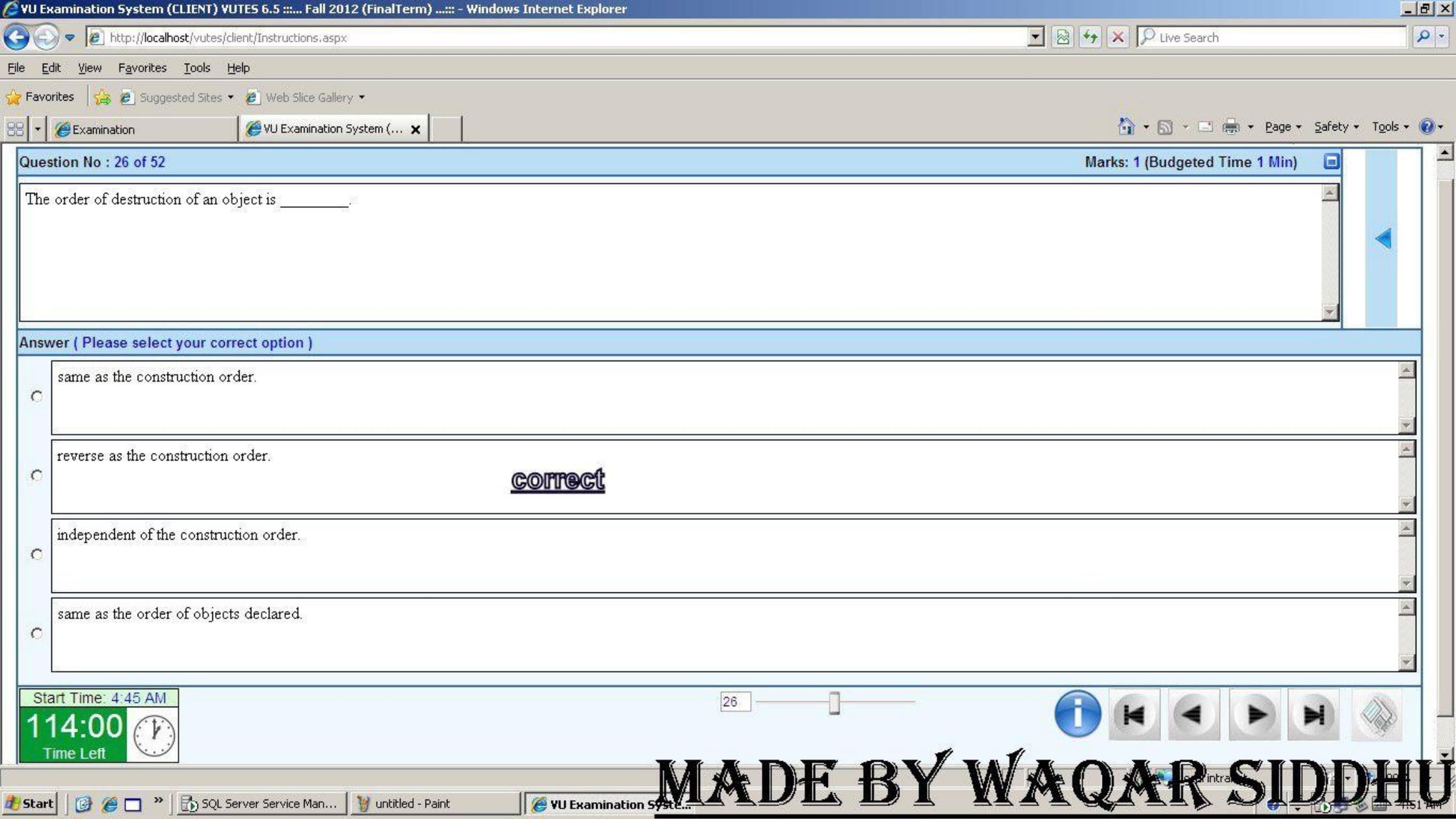
○   Only destructor will be called

Start Time: 4:45 AM

**114:00**
Time Left

25

Start      SQL Server Service Man...      untitled - Paint      VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination          VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 26 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

The order of destruction of an object is _____.

**Answer ( Please select your correct option )**

○   same as the construction order.

○   reverse as the construction order.                    **correct**

○   independent of the construction order.

○   same as the order of objects declared.

Start Time: 4:45 AM

**114:00**
Time Left

26

MADE BY WAQAR SIDDHU

Start      SQL Server Service Man...      untitled - Paint      VU Examination Syste...
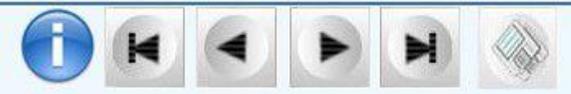
The operator delete takes a void pointer as argument which _____.
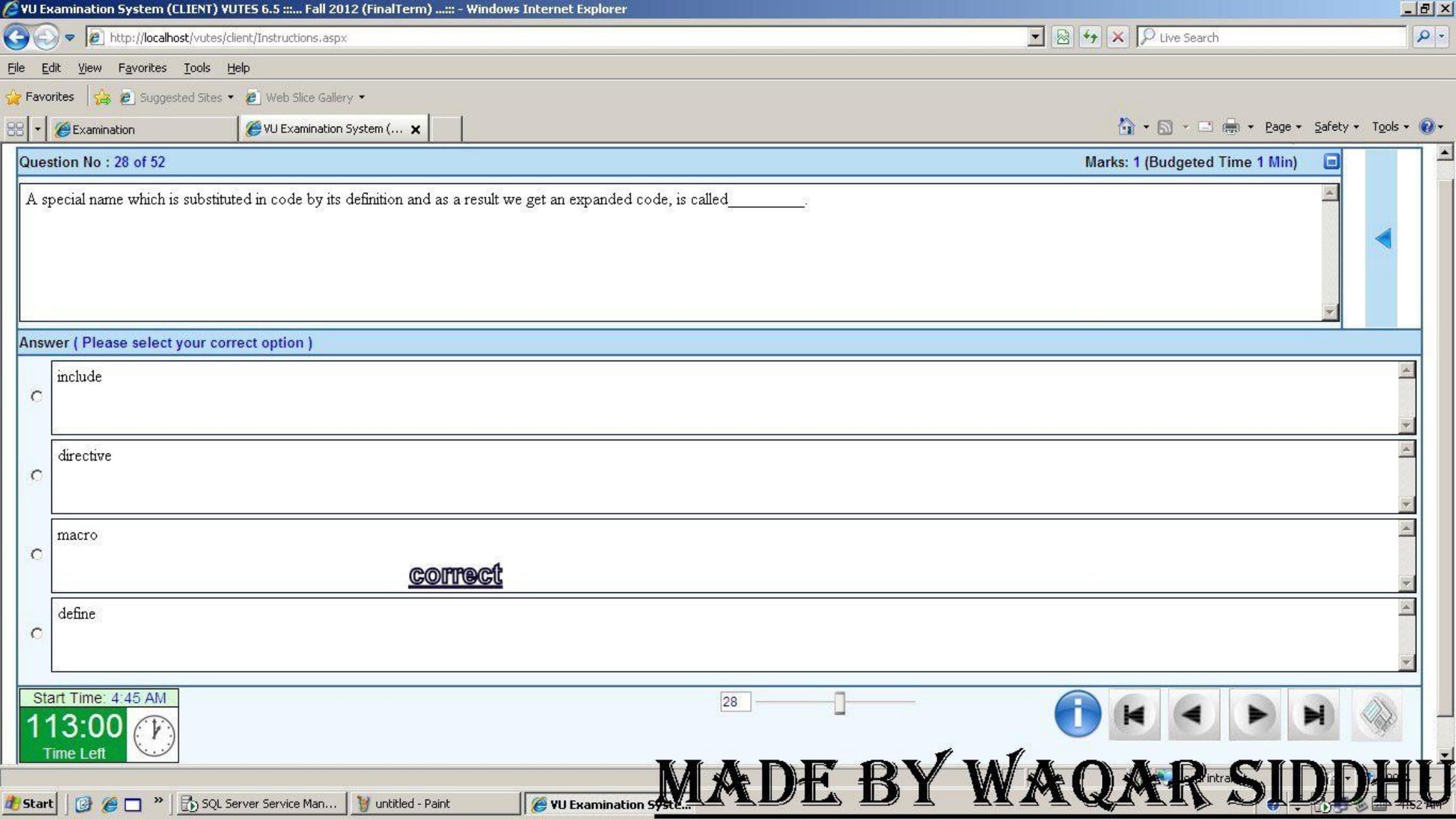
**Answer ( Please select your correct option )**

○ Points to the block of memory to be deallocated.

**correct**

○ Points to all the objects of the class.

○ Means that delete points to nothing.

○ is of no use

Start Time: 4:45 AM

113:00
Time Left

27

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination        VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 28 of 52**                                        **Marks: 1 (Budgeted Time 1 Min)**

A special name which is substituted in code by its definition and as a result we get an expanded code, is called_____.

**Answer ( Please select your correct option )**

○   include

○   directive

○   macro

         **correct**

○   define

Start Time: 4:45 AM

**113:00**
Time Left                                        28

MADE BY WAQAR SIDDHU

Start        SQL Server Service Man...        untitled - Paint        VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File  Edit  View  Favorites  Tools  Help

Favorites    Suggested Sites ▾    Web Slice Gallery ▾

Examination    VU Examination System (... ✖

Page ▾  Safety ▾  Tools ▾

**Question No : 29 of 52**    Marks: 1 (Budgeted Time 1 Min)

Where we can include a header file in the program?

**Answer ( Please select your correct option )**

○ anywhere

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○ in start

○ at the end

○ at the middle

Start Time: 4:45 AM
**113:00**
Time Left

29

Start    SQL Server Service Man...    untitled - Paint    VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites    Suggested Sites ▾    Web Slice Gallery ▾

Examination    VU Examination System (... ✕

Page ▾    Safety ▾    Tools ▾

**Question No : 30 of 52**    **Marks: 1 (Budgeted Time 1 Min)**

Which of the following is NOT a common error that can happen with memory allocation?

**Answer ( Please select your correct option )**

○    Memory leak

○    Unreferenced memory

○    Void pointers

**correct**

○    Dangling pointers

Start Time: 4:45 AM

**113:00**    Time Left

30

Start    SQL Server Service Man...    untitled - Paint    VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites   Suggested Sites ▾   Web Slice Gallery ▾

Examination   |   VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

The functions used for dynamic memory allocation return pointer of type _____.

**Answer ( Please select your correct option )**

○  int

○  float

○  double

○  void

correct

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

Start Time: 4:45 AM

113:00
Time Left

31

MADE BY WAQAR SIDDHU

Start   |   SQL Server Service Man...   |   untitled - Paint   |   VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites        Suggested Sites ▼      Web Slice Gallery ▼

Examination          VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼

**Question No : 32 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

If constructor contains a return statement in its body then compiler will give _____.
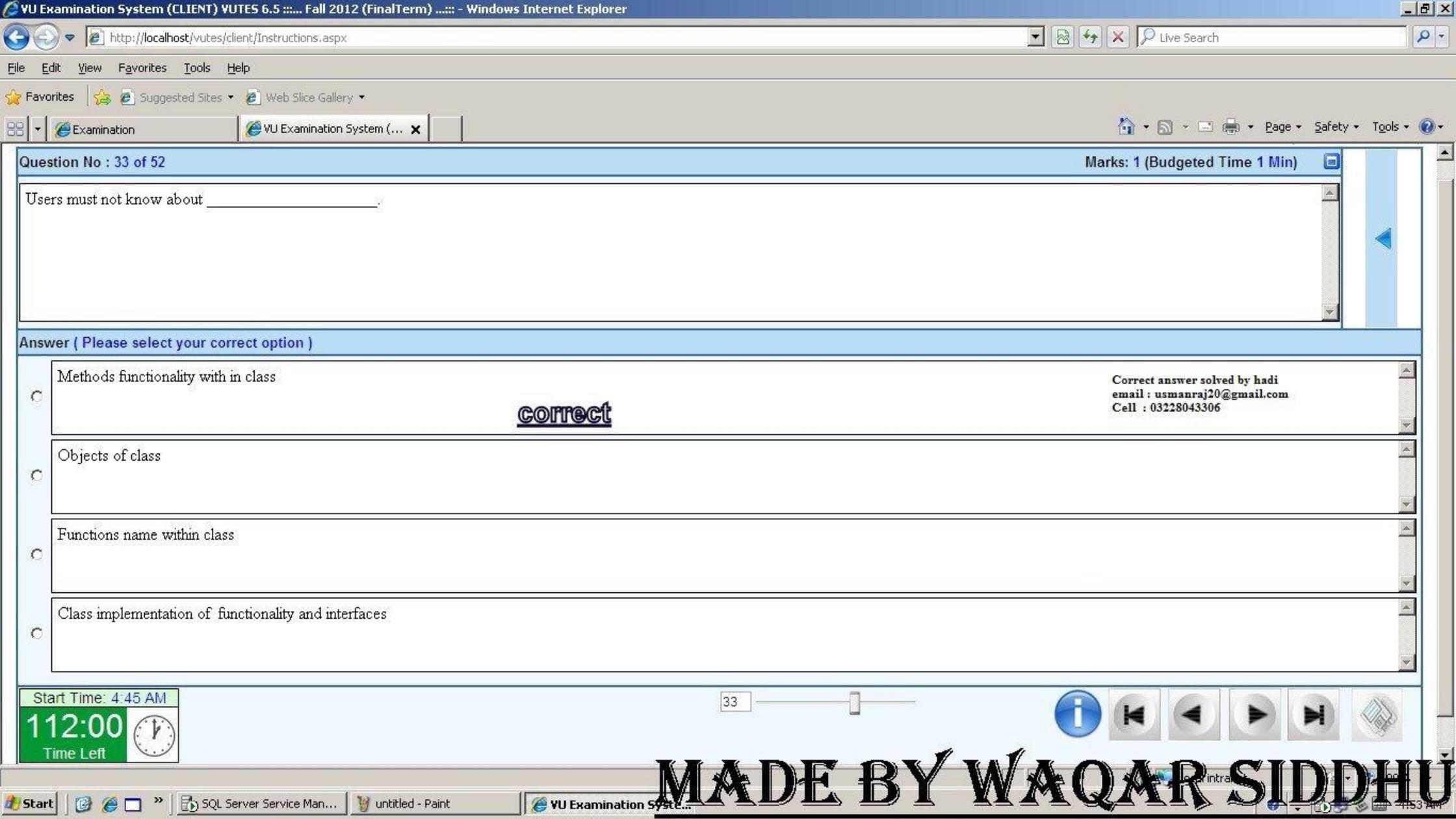
Show Picture

**Answer ( Please select your correct option )**

○   No error

○   Syntax error

correct

○   Logical error

○   Run time error

Start Time: 4:45 AM

**112:00**

Time Left

32

paper.aspx

Start    SQL Server Service Man...    untitled - Paint    VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites        Suggested Sites ▾        Web Slice Gallery ▾

Examination          VU Examination System (... ✕

Page ▾    Safety ▾    Tools ▾

**Question No : 33 of 52**          **Marks: 1 (Budgeted Time 1 Min)**

Users must not know about _____.

**Answer ( Please select your correct option )**

○  Methods functionality with in class

**correct**

○  Objects of class

○  Functions name within class

○  Class implementation of functionality and interfaces

Start Time: 4:45 AM

**112:00**

Time Left

33

Start        SQL Server Service Man...        untitled - Paint        VU Examination Syste...

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▾      Web Slice Gallery ▾

Examination          VU Examination System (... ✖

Page ▾   Safety ▾   Tools ▾

**Question No : 34 of 52**                      **Marks: 1 (Budgeted Time 1 Min)**

new and delete are also used with _____ and primitive data types as well.

**Answer ( Please select your correct option )**

○   loops

○   structures, pointers

○   classes , structures

○   constant

**correct**

Start Time: 4:45 AM

**112:00**
Time Left

34

MADE BY WAQAR SIDDHU

Start     SQL Server Service Man...     untitled - Paint     VU Examination Syste...

**Question No : 35 of 52**

**Marks: 1 (Budgeted Time 1 Min)**

Friend function of a class is _____.
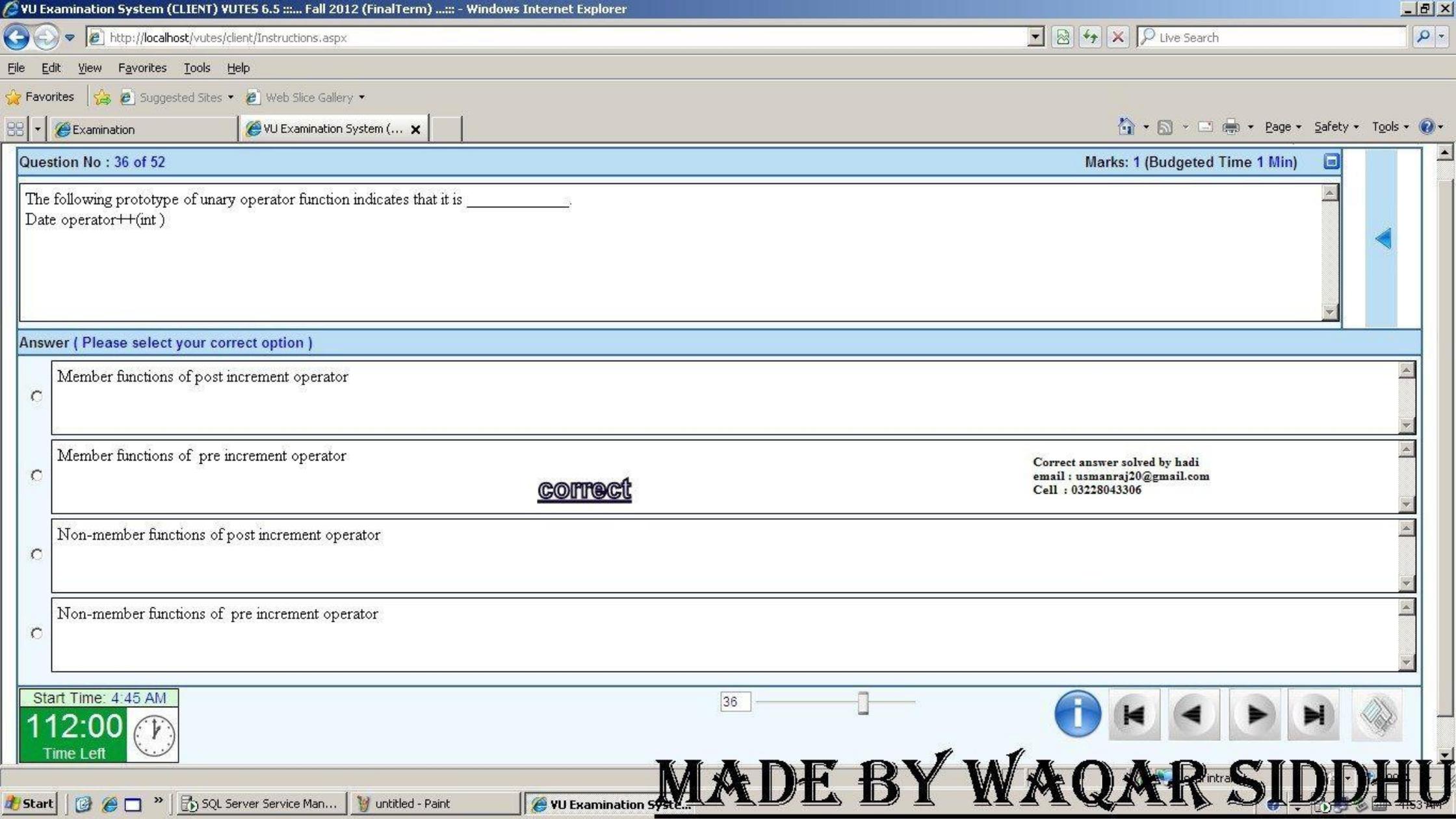
**Answer ( Please select your correct option )**

○ Private function

○ Non-member function

**correct**

○ Public function

○ Member function

Start Time: 4:45 AM

**112:00**
Time Left

35

http://localhost/vutes/client/Instructions.aspx

Marks: 1 (Budgeted Time 1 Min)

The following prototype of unary operator function indicates that it is _____.
Date operator++(int )

**Answer ( Please select your correct option )**

○ Member functions of post increment operator

○ Member functions of pre increment operator

**correct**

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306
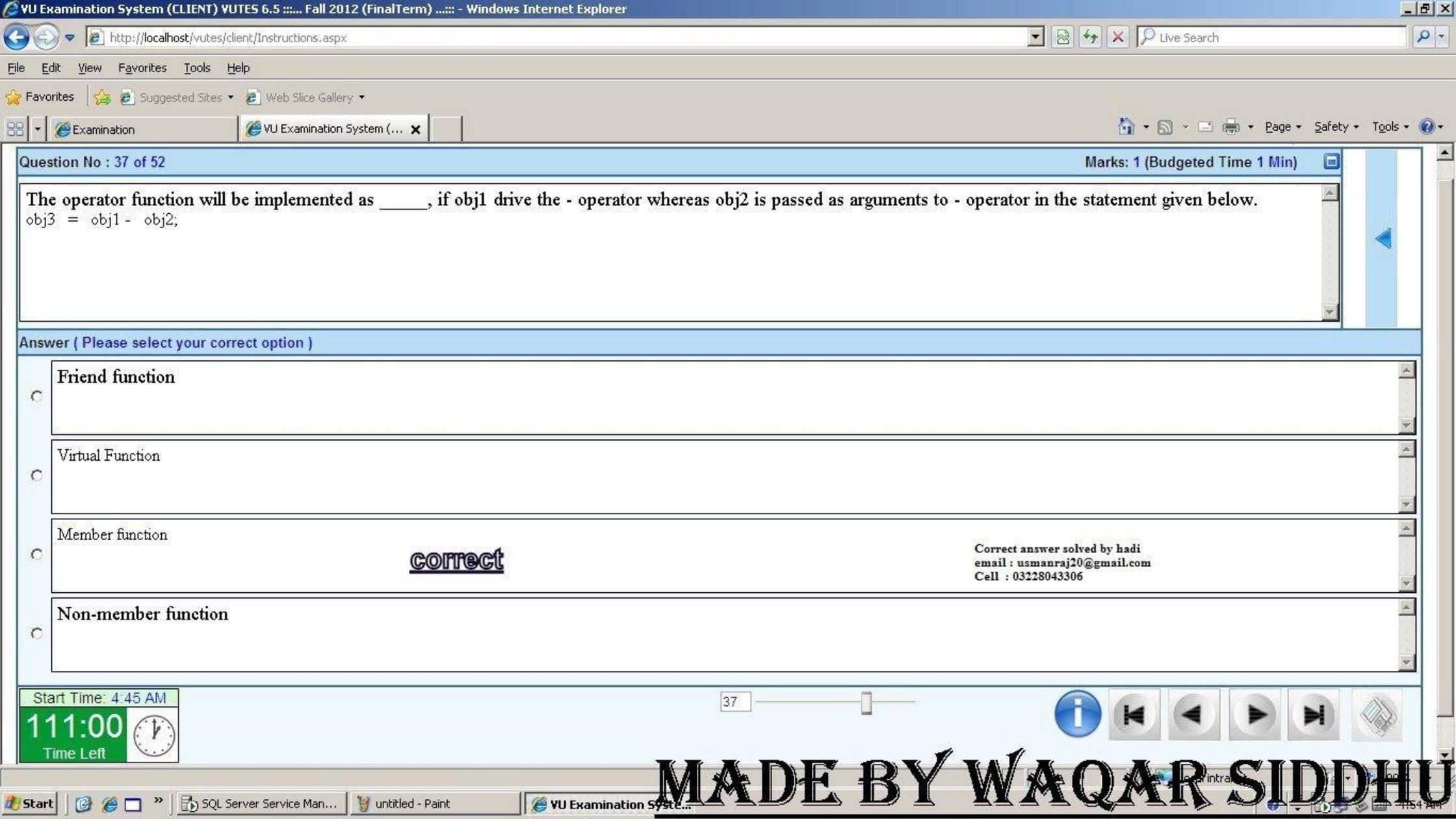
○ Non-member functions of post increment operator

○ Non-member functions of pre increment operator

Start Time: 4:45 AM

112:00
Time Left

36

http://localhost/vutes/client/Instructions.aspx

The operator function will be implemented as _____, if obj1 drive the - operator whereas obj2 is passed as arguments to - operator in the statement given below.

obj3 = obj1 - obj2;

**Answer ( Please select your correct option )**

○ Friend function
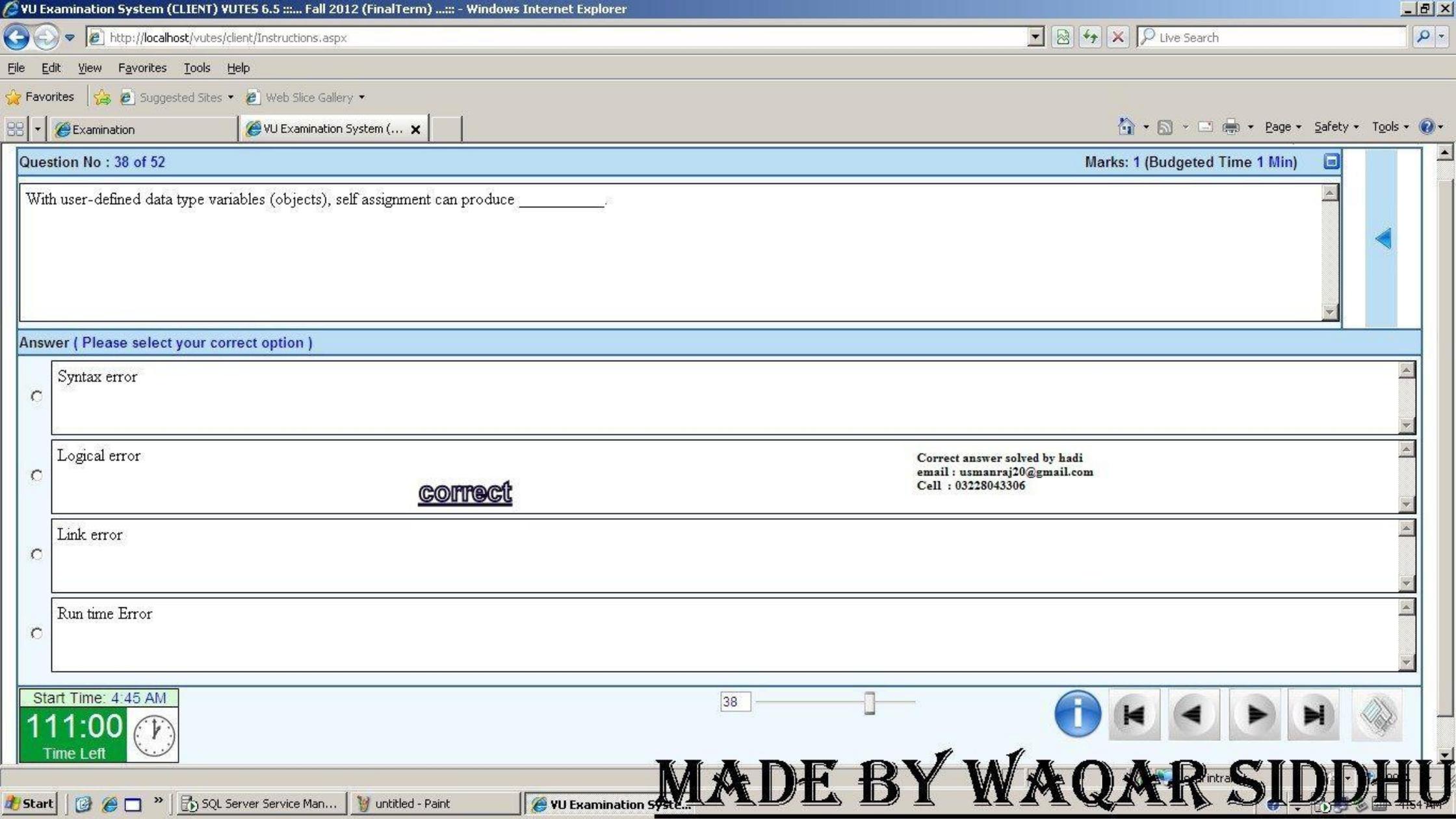
○ Virtual Function

○ Member function     **correct**     Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○ Non-member function

Start Time: 4:45 AM

111:00 Time Left

37

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites   |   Suggested Sites ▾   Web Slice Gallery ▾

Examination   |   VU Examination System (... ✕

Page ▾   Safety ▾   Tools ▾

**Question No : 38 of 52**                                         **Marks: 1 (Budgeted Time 1 Min)**

With user-defined data type variables (objects), self assignment can produce _____.

**Answer ( Please select your correct option )**

○   Syntax error

○   Logical error

correct

○   Link error

○   Run time Error

Start Time: 4:45 AM

**111:00**   Time Left

38

Start   |   SQL Server Service Man...   |   untitled - Paint   |   VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File   Edit   View   Favorites   Tools   Help

Favorites      Suggested Sites ▼      Web Slice Gallery ▼

Examination      VU Examination System (... ✕

Page ▼   Safety ▼   Tools ▼
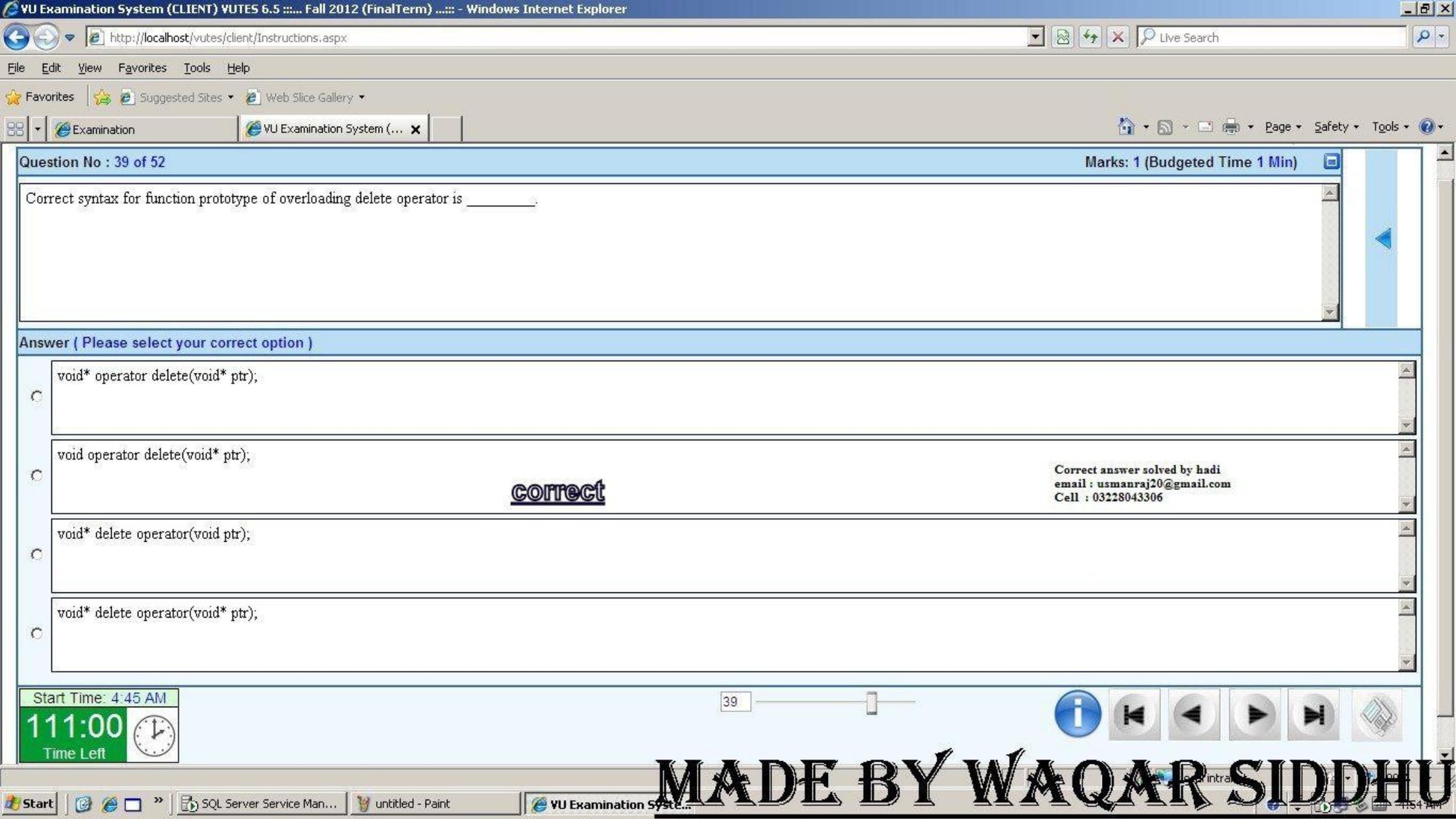
**Question No : 39 of 52**      **Marks: 1 (Budgeted Time 1 Min)**

Correct syntax for function prototype of overloading delete operator is _____.

**Answer ( Please select your correct option )**

○   void* operator delete(void* ptr);

○   void operator delete(void* ptr);          **correct**          Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○   void* delete operator(void ptr);

○   void* delete operator(void* ptr);

Start Time: 4:45 AM

**111:00**   Time Left

39

Start    SQL Server Service Man...    untitled - Paint    VU Examination Syste...

http://localhost/vutes/client/Instructions.aspx

File    Edit    View    Favorites    Tools    Help

Favorites        Suggested Sites ▾        Web Slice Gallery ▾

Examination        VU Examination System (... ✕

Page ▾    Safety ▾    Tools ▾

**Question No : 40 of 52**                                    **Marks: 1 (Budgeted Time 1 Min)**

Base address is the memory address of _____ element of an array.

**Answer ( Please select your correct option )**

○    1st

correct

Correct answer solved by hadi
email : usmanraj20@gmail.com
Cell : 03228043306

○    2nd

○    3rd

○    4th

Start Time: 4:45 AM

**111:00**
Time Left

40

Start    SQL Server Service Man...    39.bmp - Paint    VU Examination Syste...