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CS201 Final Term Papers By Waqar (File 3)

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)

VuAnswers.com

- Rectangle
- Circle
- Diamond
- Arrow

correct

Made by: Waqar Siddhu

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)

VuAnswers.com

- Rectangle
- Circle
- Diamond
- Arrow

Made by: Waqar Siddhu

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)

VuAnswers.com

- 3
- 2
- 1

correct

- 4

Made by: Waqar Siddhu

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

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

Answer (Please select your correct option)

VuAnswers.com

- parenthesis ( )
- single qoutes ' '
- double qoutes " "
- curly braces { }

correct

Made by: Waqar Siddhu

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

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

Answer (Please select your correct option)

VuAnswers.com

- arr[5] = {0} ;
- int arr[5]= 0 ;
- int arr[5] = {0} ;
- int arr[] = 0 ;

correct

Made by: Waqar Siddhu

Question No : 5 of 52 Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

VuAnswers.com

- ptr1 + ptr2
- ptr1 - ptr2
- ptr1 * ptr2
- ptr1 / ptr2

correct

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

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.

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

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

Answer (Please select your correct option)

VuAnswers.com

- 1988
- 1967
- 1989

correct

- 1986

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

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

Answer (Please select your correct option)

VuAnswers.com

- Richards Laboratories
- Microsot Laboratories
- Bell Laboratories

correct

- IBM Laboratories

Made by: Waqar Siddhu

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

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
- Friend member functions of the class
- Interface of the class

correct

Made by: Waqar Siddhu

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

A structure brings together a group of _____.

Answer (Please select your correct option)

VuAnswers.com

- same data type
- different data types
- constants
- both a, b

correct

Made by: Waqar Siddhu

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

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
- different, each
- different, all

correct

Made by: Waqar Siddhu

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

The static data members of a class are initialized _____.

Answer (Please select your correct option)

VuAnswers.com

- at file scope
- within class definition
- within member function
- within main function

correct

Made by: Waqar Siddhu

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

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
- function out side the class

correct

Made by: Waqar Siddhu

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

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
- For many times in the program
- Compile time of the program

correct

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

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

VuAnswers.com

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

correct

- A copy of this variable is created for only static objects
- No copy is created for the objects of that class

Made by: Waqar Siddhu

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

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

VuAnswers.com

Answer (Please select your correct option)

- still in existence
- not exist further

correct

- finish but a copy will remain in memory
- become static for other functions

Made by: Waqar Siddhu

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

What does STL stand for?

VuAnswers.com

Answer (Please select your correct option)

- Source template library
- Standard template library

correct

- Stream template library
- Standard temporary library

Made by: Waqar Siddhu

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Question No : 18 of 52 Marks: 1 (Budgeted Time 1 Min)

The code is written to _____ the program.

VuAnswers.com

Answer (Please select your correct option)

- implement
- design
- analysis
- test

correct

Made by: Waqar Siddhu

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

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

VuAnswers.com

Answer (Please select your correct option)

- float
- strings
- int
- char

correct

Made by: Waqar Siddhu

Question No : 20 of 52 Marks: 1 (Budgeted Time 1 Min)

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

VuAnswers.com

Answer (Please select your correct option)

- Getter/Setter Functions
- Default Constructor
- Parameterized Constructor
- Operator Overlaoding Functions

correct

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Question No : 21 of 52 Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

VuAnswers.com

- Private
- Public
- Protected
- All

correct

Made by: Waqar Siddhu

Question No : 22 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)

VuAnswers.com

- Run time
- Debugging time
- Construction time
- Compile time

correct

Made by: Waqar Siddhu

Question No : 23 of 52 Marks: 1 (Budgeted Time 1 Min)

The normal source of cin object is _____.

Answer (Please select your correct option)

VuAnswers.com

- File
- Disk
- Keyboard

correct

- RAM

Made by: Waqar Siddhu

For More Visit VU Answer

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Question No : 24 of 52 Marks: 1 (Budgeted Time 1 Min)

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.

Made by: Waqar Siddhu

Question No : 25 of 52 Marks: 1 (Budgeted Time 1 Min)

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

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)

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

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Question No : 27 of 52 Marks: 1 (Budgeted Time 1 Min)

A macro when takes arguments is called_____.

Answer (Please select your correct option)

VuAnswers.com

- function
- procedure
- parameterized macro — correct
- simple macro

Made by: Waqar Siddhu

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

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

Answer (Please select your correct option)

VuAnswers.com

- protected
- hidden — correct
- private
- public

Made by: Waqar Siddhu

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

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

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

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);
- defaultParameters (5, '8');
- defaultParameters (6, '#');
- defaultParameters (0, 0, '*', 0);

correct

Made by: Waqar Siddhu

Question No : 31 of 52 Marks: 1 (Budgeted Time 1 Min)

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

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

Users must not know about _____.

Answer (Please select your correct option)

VuAnswers.com

- Methods functionality with in class
- Objects of class
- Functions name within class
- Class implementation of functionality and interfaces

correct

Made by: Waqar Siddhu

For More Visit VU Answer

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Question No : 33 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)

VuAnswers.com

- loops
- structures, pointers
- classes , structures

correct

- constant

Made by: Waqar Siddhu

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

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

Question No : 35 of 52 Marks: 1 (Budgeted Time 1 Min)

Consider the following code segment.

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

Answer (Please select your correct option)

VuAnswers.com

- Member function

correct

- Non-member function
- Friend function
- Virtual function

Made by: Waqar Siddhu

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Question No : 36 of 52 Marks: 1 (Budgeted Time 1 Min)

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
- Destructor is called first before deallocating memory

correct

Made by: Waqar Siddhu

Question No : 35 of 52 Marks: 1 (Budgeted Time 1 Min)

```
  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

Made by: Waqar Siddhu

Question No : 35 of 52 Marks: 1 (Budgeted Time 1 Min)

```
...
};

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)

VuAnswers.com

- Member function
- Non-member function
- Friend function
- Virtual function

Made by: Waqar Siddhu

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Question No : 36 of 52 Marks: 1 (Budgeted Time 1 Min)

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
- Destructor is called first before deallocating memory

Made by: Waqar Siddhu

Question No : 37 of 52 Marks: 1 (Budgeted Time 1 Min)

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;

Made by: Waqar Siddhu

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

A constructor has the same name as that of _____ .

Answer (Please select your correct option)

VuAnswers.com

- Variable
- Class

correct

- Structure
- Function

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Question No : 39 of 52 Marks: 1 (Budgeted Time 1 Min)

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

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

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

Question No : 41 of 52 Marks: 2 (Budgeted Time 4 Min)

What will be the value of the given expression after evaluation if x = 3 and y = 2 ?

(++x*++y)-2

Answer (Please click here to Add Answer)

VuAnswers.com

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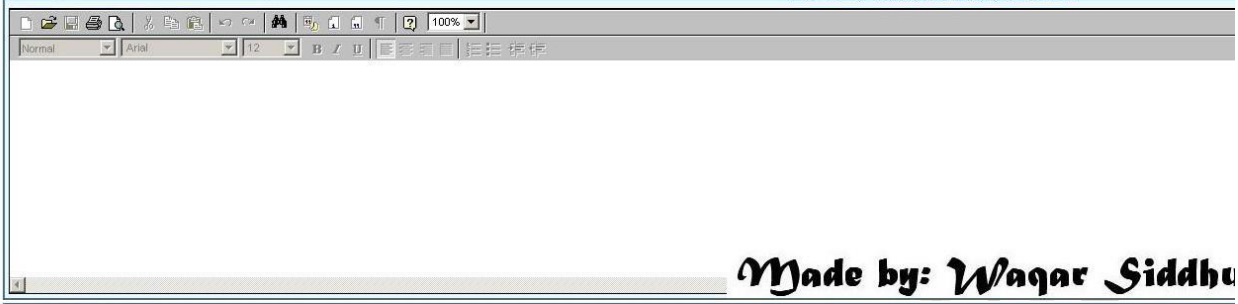
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Question No : 42 of 52 Marks: 2 (Budgeted Time 4 Min)

Friendship in classes/functions is granted or taken ? How it is granted or taken ?

Answer (Please click here to Add Answer)

VuAnswers.com



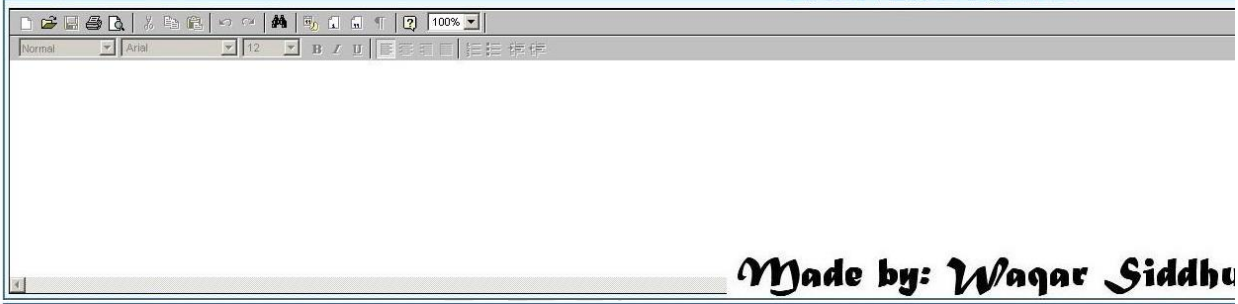
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Question No : 43 of 52 Marks: 2 (Budgeted Time 4 Min)

Write a C/C++ statement to print a floating point number 1.234 in a 9-digit field with preceding zeros.

Answer (Please click here to Add Answer)

VuAnswers.com



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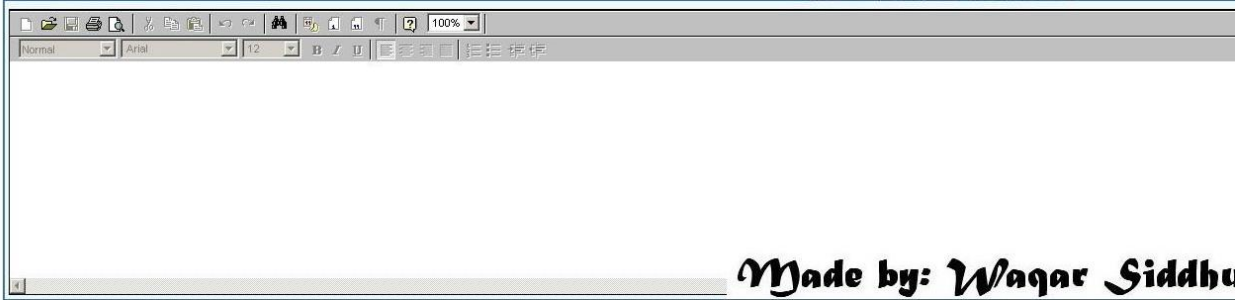
Question No : 44 of 52 Marks: 2 (Budgeted Time 4 Min)

Write down the meaning of given below line of code, where m is an object of class Matrix

```
if( &m != this)
```

Answer (Please click here to Add Answer)

VuAnswers.com



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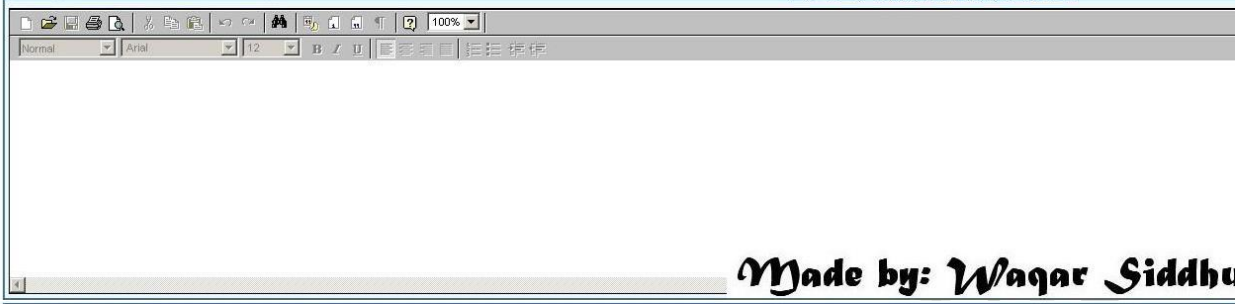
Question No : 45 of 52 Marks: 3 (Budgeted Time 6 Min)

What will be the output of given program code?

```
main()
{
   char province[] = "Sindh";
   char s[80];
```

Answer (Please click here to Add Answer)

VuAnswers.com



Made by: Waqar Siddhu

Question No : 45 of 52 Marks: 3 (Budgeted Time 6 Min)

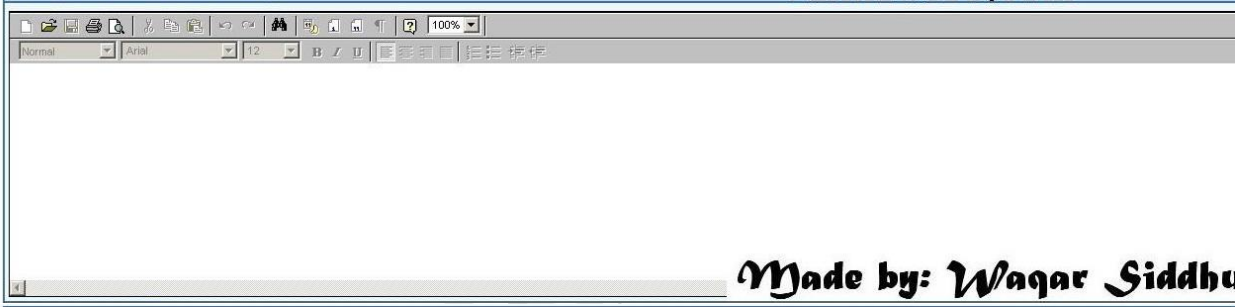
```
   strcpy(s, "Hyderabad");

   strcat(s, " and ");

   strcat(s, province);
```

Answer (Please click here to Add Answer)

VuAnswers.com



Made by: Waqar Siddhu

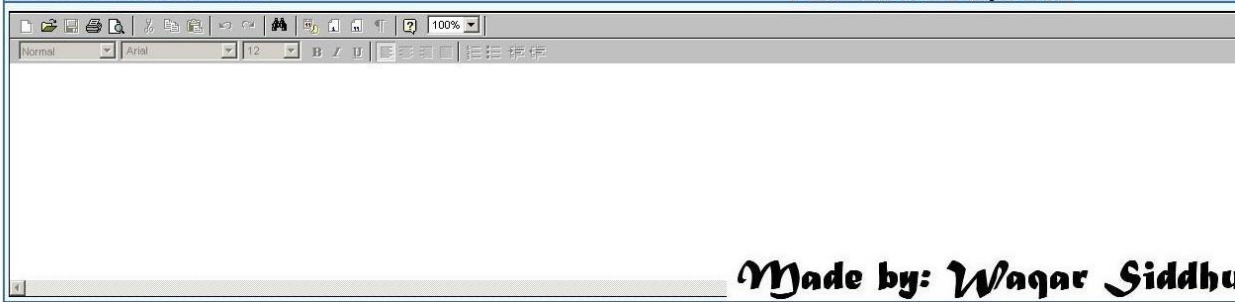
Question No : 45 of 52 Marks: 3 (Budgeted Time 6 Min)

```
   cout << s;

}
```

Answer (Please click here to Add Answer)

VuAnswers.com



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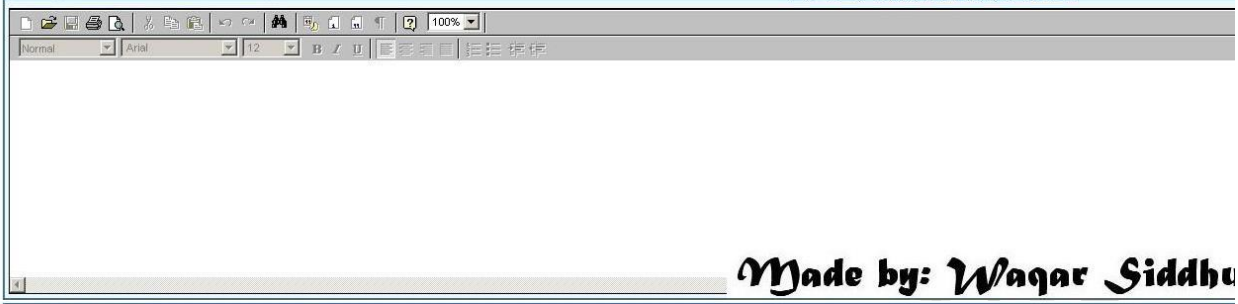
Question No : 46 of 52 Marks: 3 (Budgeted Time 6 Min)

Identify and correct the error in the given code segment.

```
main()
{
   int val = 30;
   int &ref = val;
```

Answer (Please click here to Add Answer)

VuAnswers.com



Made by: Waqar Siddhu

Question No : 46 of 52 Marks: 3 (Budgeted Time 6 Min)

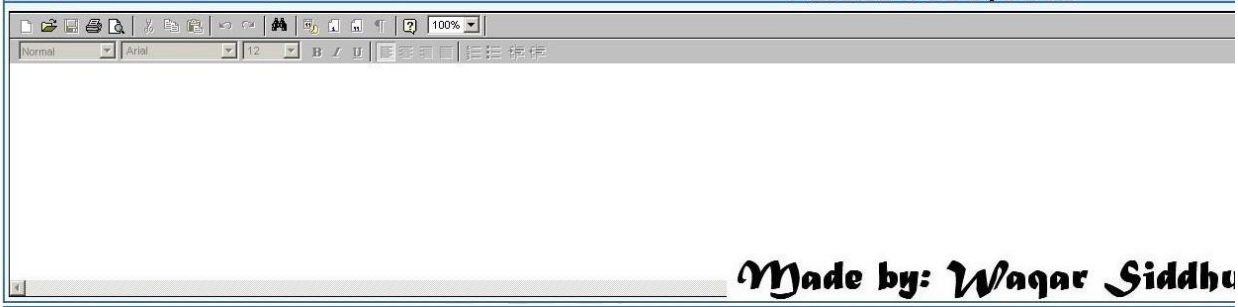
```
`
   int val = 30;
   int &ref = val;

   &ref = &ref++;

}
```

Answer (Please click here to Add Answer)

VuAnswers.com



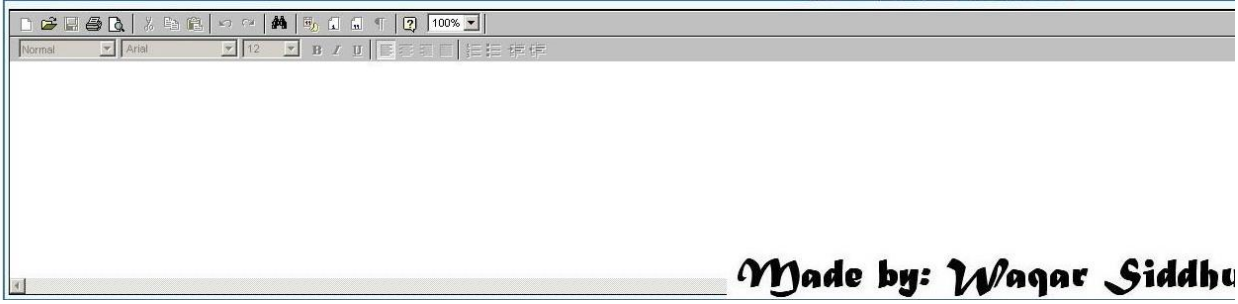
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Question No : 47 of 52 Marks: 3 (Budgeted Time 6 Min)

Write a simple program which uses the getline() member function of cin object for reading a string of 30 characters from the keyboard as long as the user presses ENTER key and display the result.

Answer (Please click here to Add Answer)

VuAnswers.com



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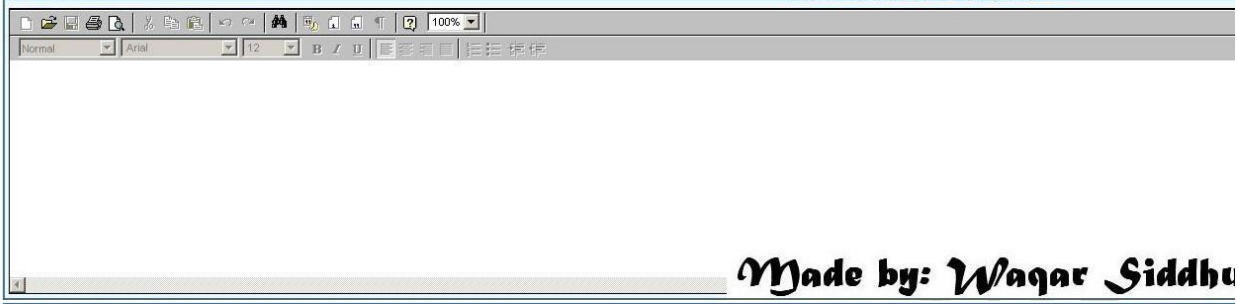
Question No : 50 of 52 Marks: 5 (Budgeted Time 10 Min)

Convert the following switch statement code into if statements.

```
switch (operator) {
case '+':
        result = op1 + op2;
        break;
```

Answer (Please click here to Add Answer)

VuAnswers.com



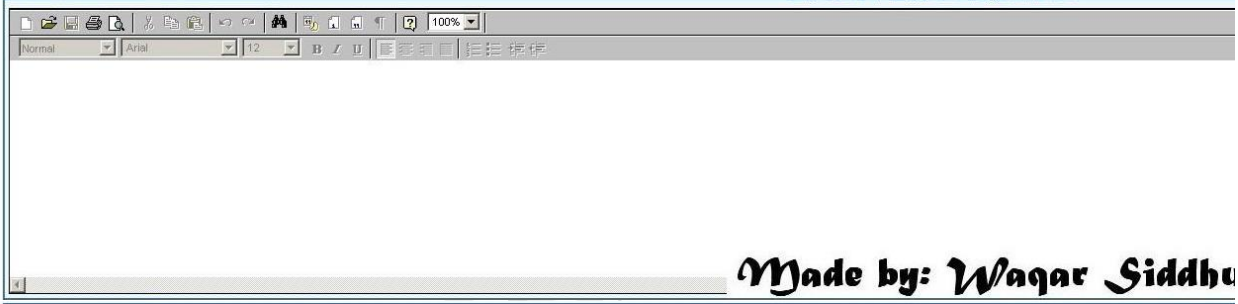
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Question No : 50 of 52 Marks: 5 (Budgeted Time 10 Min)

```
        break;
case '-':
        result = op1 - op2;
        break;
case 'x':
case '*':
```

Answer (Please click here to Add Answer)

VuAnswers.com



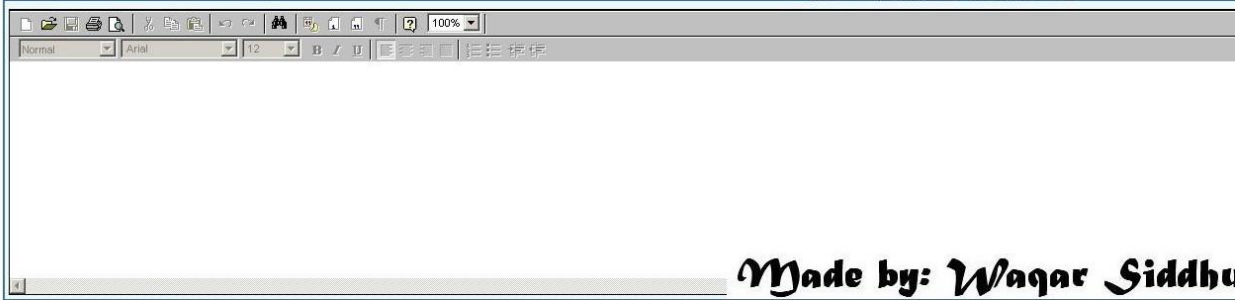
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Question No : 50 of 52 Marks: 5 (Budgeted Time 10 Min)

```
case 'x':
case '*':
        result = op1 * op2;
        break;
case '/':
        result = operand1 / operand2;
```

Answer (Please click here to Add Answer)

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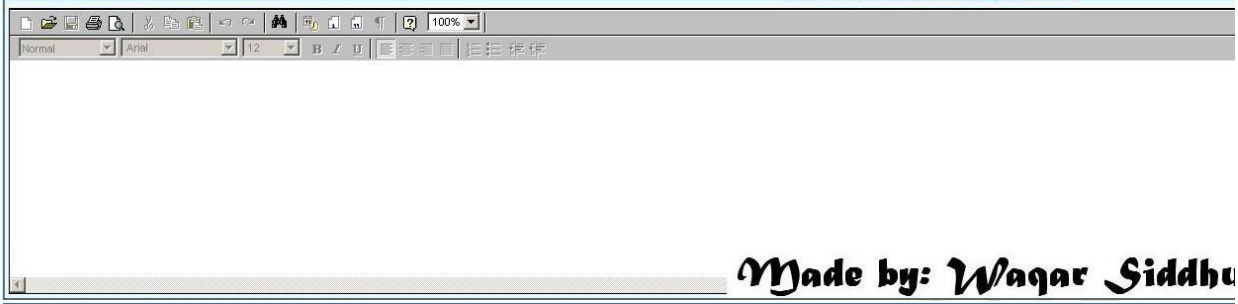
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Question No : 50 of 52 Marks: 5 (Budgeted Time 10 Min)

```
case '/':
        result = operand1 / operand2;
        break;
default:
cout << "Unknown operator" ;
}
```

Answer (Please click here to Add Answer)

VuAnswers.com



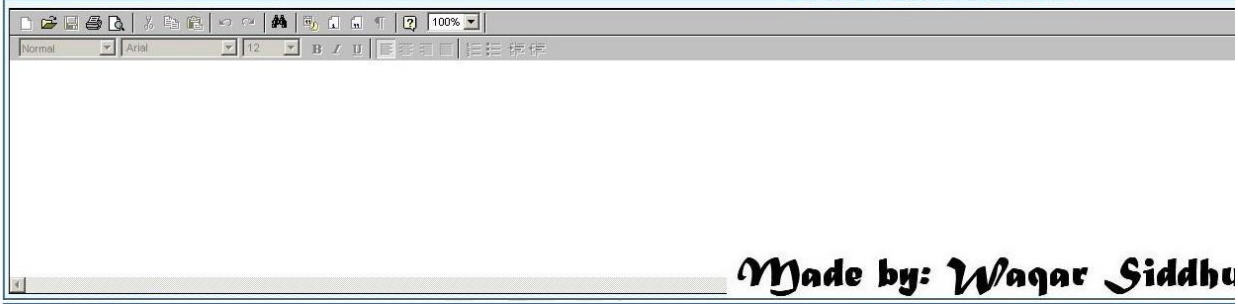
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Question No : 50 of 52 Marks: 5 (Budgeted Time 10 Min)

```
        result = operand1 / operand2;
        break;
default:
cout << "Unknown operator" ;
}
```

Answer (Please click here to Add Answer)

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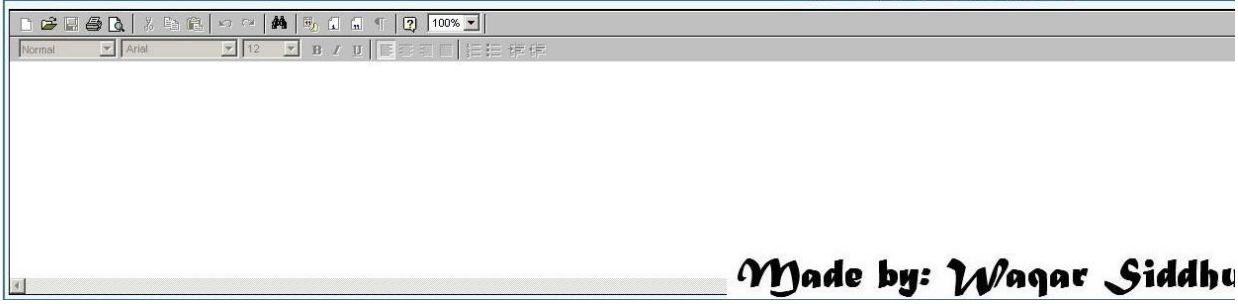
Question No : 51 of 52 Marks: 5 (Budgeted Time 10 Min)

Given is the code for the class myClass.

```
class myClass
{
private:
    int x ;
```

Answer (Please click here to Add Answer)

VuAnswers.com



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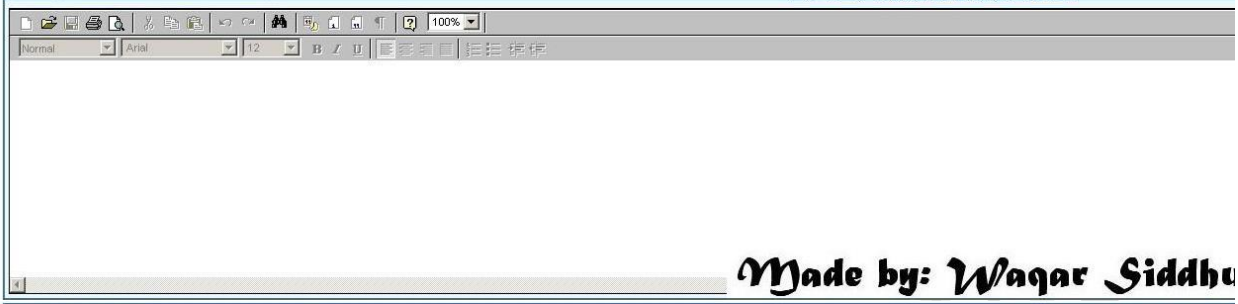
Question No : 51 of 52 Marks: 5 (Budgeted Time 10 Min)

```
    int x ;
    int y;


public:
    myClass()
```

Answer (Please click here to Add Answer)

VuAnswers.com



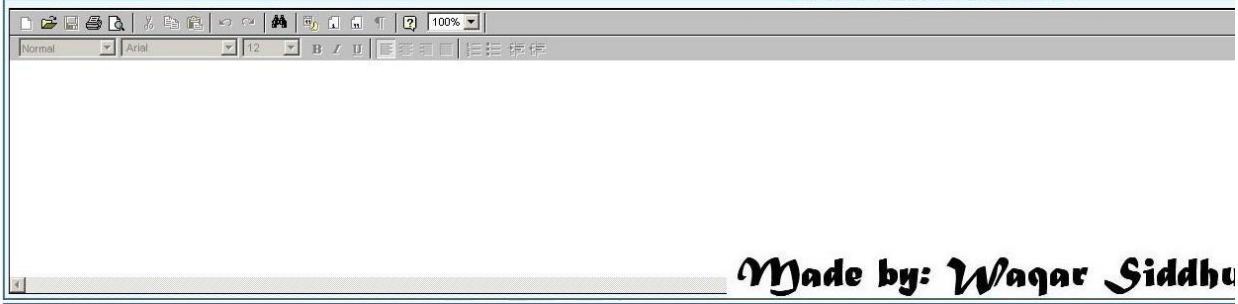
Made by: Waqar Siddhu

Question No : 51 of 52 Marks: 5 (Budgeted Time 10 Min)

```
    myClass()
    {
       x = 0;
       y = 0;
    }
```

Answer (Please click here to Add Answer)

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Question No : 51 of 52 Marks: 5 (Budgeted Time 10 Min)

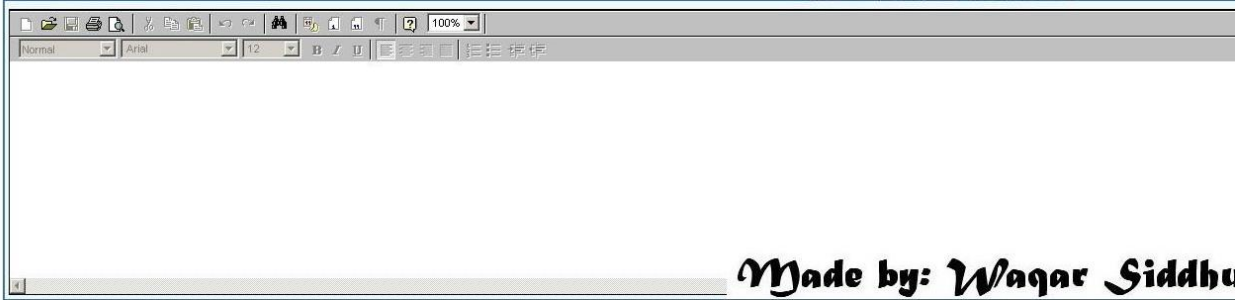
```
    }

};
```

You are required to write the code to perform the following task in the main() function.

Answer (Please click here to Add Answer)

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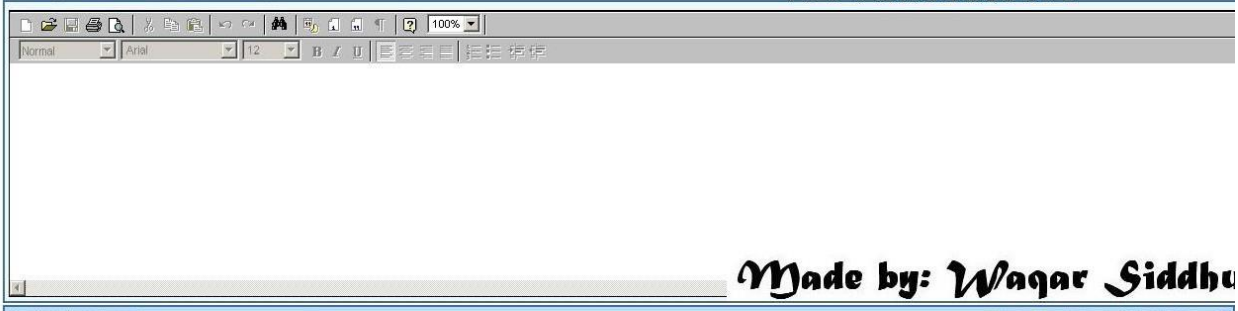
Question No : 51 of 52 Marks: 5 (Budgeted Time 10 Min)

You are required to write the code to perform the following task in the main() function.

- Prompt the user to enter the number of objects to be created.
- Dynamically allocate memory to objects according to the size entered by user.
- De-allocate memory that was allocated to objects.

Answer (Please click here to Add Answer)

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Question No : 52 of 52 Marks: 5 (Budgeted Time 10 Min)

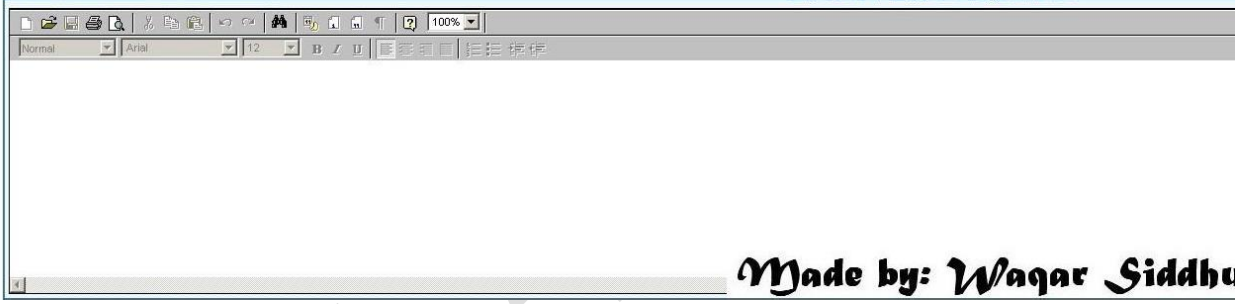
Write a small program which defines a user define manipulator named star, this manipulator should display the output separated by four stars.

For example the output of the program should look like this

Virtual****University

Answer (Please click here to Add Answer)

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