

CS201- P

Quiz Lab No.09

BY Attiq Kundi

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Rahay

Regards

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----- is a user-defined data type.

Class

A constructor with arguments is known as:

Parameterized constructor

We cannot declare a function as a friend of ----- classes

istream or ostream

Automatic variables are created constantly and destroyed

All the time

_____ are a conditional compilation process that is used to replace a piece of code by its definition in a program

function

calloc () function allocates multiple blocks of memory and each block has -----?

same size

In C++ sizeof operator is used to determine -----

the size that a data type represents

Which of the following header files deals with stream extraction?

iostream.h

Type to use getch() function without including #include header file in the program is a ----- error

compilation

In C++ the name of the ----- is the same as that of a class with a preceding tilde (~) sign.

Destructor

Which of the following options returns the state of end file?

cin.eof()

If the memory in the free store is not sufficient enough to fulfill the request, malloc () function returns ----

Null

In C/C++ language, memory at runtime is allocated from -----

Stack

When overloading assignment (=) operator, which of the following syntax is correct?

void operator(=) const string &other:

which of the following code:

*****7**

For overloading minus (-) operator, which member operator function will be correct?

complex operator-(complex c)

In C++ which operator is used for memory allocated ?

New

The Statement `char array [10];` is an example of a type of ----- memory allocation

static

which of the following option not a source of the output stream?

file

A square matrix has-----

Equal number of rows and columns

The statement `*double** elements;` says that `*elements*` is a / an ----- to double.

Array of pointers

A matrix is nothing but a ----- of numbers

Two- dimensional array

A programmer can ----- the simple matrix class to handle the integer, float, or double data type as elements of the given matrix.

Hide

in C and C++ language, every expression has a ----- of its own?

Value

The cycle of testing and ----- continues until the program is working perfectly without any problem.

Bug fixing

Default scope for members of structures is ----- and default visibility for class members is ----

Public, Private

If A and B are two matrices of order M*N to be added then their resultant matrix will have an order of

M*N

if *m* is a matrix object, then self-assignment can be avoided by using following code statement

If (&m!=this);

Which of the following is correct format of template function?

Template

In template class, compiler makes a copy of ---- and convert in to ----

Source code , Object code

For a matrix, the variables of Rows and Columns should always be a -----

Whole Number

After implementation of code is completed, we do its ---- to verify that it is behaving properly in all scenarios.

Testing

which three constructs do we need to solve any problem?

Classes, structures, functions

Declaration and definition of a template function should be in the ----- file

same

For template function, we must have at least ----- generic argument.

One

In C++ , which of the following option has the correct meaning of the expression "a<=b"?

a is less than or equal to b

which of the following code?

2 4 6 8

What will be the output of the following code? `Int x=15; Iny y=10; Int z= 5; Cout<< x*x-4*y*z;`

25

Which of the following expression is correct in C/C ++ language?

X=X+3

Which of the following C++ statements I used take input from the user?

cin

Which of the following is an example of logical operator?

&&,||

in C/C ++ , which of the following data type is used to store real numbers?

Float

C/C++ has many libraries which contain variables and function names normly starting with -----

Underscore

The coding of a program is translated into machine language by -----

Compiler

Learning “How to program” is important, because it develops----- and problem solving abilities.

Analytical

in C/C++ , the algebraic expression $(b^2-4ac)/2a$ cab be written as:

(b*b-4*a*c)/(2*a)

In C/C++, which of the following data type is used to store real member?

Float

To understand programming concepts,----- programming language being used as a vehicle in cs201 “Introduction to programming” course

C/C++

The bit manipulators operator----- is used to check weather a specific bit is set or not.

&

in C++, which operator is used while accessing through the pointer to structure?

->

Function seekg() and seekp() require an argument of type----- to let them know how many bytes to move forward backward.

Long

Macro is defined by ----- preprocessor directive.

#define

In C++ , when accessing files randomly, which function is used at get current pointer position inside a file?

tellg()

Which is not a preprocessor directive of C-Language?

Startif

The statement char arr [10]; is an example of a type of ----- memory allocation

Built-in

What would be the output of the following statement? C=13%2;

1

Which of the following two array are copy-able?

int a[5],int b[5]

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

Local

Which type of arrays are used while dealing with sentences?

Character arrays

In the call by reference method, which operator is used to get the address of a variable

&

Which of the following is the correct method to declare an array?

data-type array-name[size];

char name []= "Hello World"; In the above statement, a memory of ----- characters will be allocated to the array name.

12

In C++ , what is the correct syntax for accessing the fifth element of an array?

a(4)

Which of the following shows the memory address of the first element in an array?

array[0]

In C++ , the precise way to declare a pointer is , int*ptr; Q.64: Identify the invalid option.

int *pi=0;

----- character is used to terminate a string.

Null

which of the following is an example of repetition structure?

while

Function declaration is a one-line statement in which we write the return type,----- of the function and the----- of arguments .

Name, Data type

If the condition is not made false in while loop, what will happen?

Program will terminate only

Which of the following option gives the [value] stored at the address pointed to by the pointer "ptr"?

***ptr**

in C++ , cout is known as -----

output stream

Which of the following is not a file opening mode?

ios:: trunk

In C++ , the precise way to declared a pointer is.

int*ptr;

-----statement is necessary in switch structure.

Break

Normally, the float data type is half of the size of -----

Double

which of the following option is used when working with completed expression in c++?

0

A binary operator has ----- operands.

Two

which of the following is the default function calling mechanism of C/C++?

Call by value

which function is automatically called when an object of a class is initialed?

constructor

in C++, the default constructor takes-----

No arguments

In C++, which of the following option is used to declare a class?

class

in C++ which of the following function causes the full definition of the function to be inserted in each place when it gots called?

Inline function

Bool data type takes -----values.

2

In the syntax of the overloaded operator function given below `Complex operator + (Complex &);` What is operator?

keyword

which operator can be overloaded?

not confirm

`Complex codd (complex c1, complex c2);` Which statement is true for above code?

Creating object of class complex with name codd with parameters.

Which of the following operator can be overloaded?

?

Which of the following is assignment operator?

=

which option will be correct in order to free the space of memory allocated to a buffer (but)?

Delete but

When overloading assignment (=) operator, which of the following syntax is correct?

void operator=(const String &s);

`Complex codd (Complex c1, Complex c2);` Which of statement is true for above code?

It accepts two complex numbers as parameters and returns back the resultant complex number.

What is correct example of binary operator?

-

Which of the following options not a source of the output stream?

region in the memory

How many option are initialized for the class? `Date my Dates[10];`

10

which statement about pointer is not true?

pointer can be void

Representing logical depiction of the solution to the problem is known as a -----

Structure

Which statement about manipulators is not true?

it automatically gets that object as parameter passed in to the function

which of the following structure is correct for WHILE loop?

While (condition)

which of the following is true about the switch statement?

It cannot handle the compound conditions which use logical operators

If the condition is not made false in while loop, what will happen?

Loop will become infinite

If a function does not return anything, its return type will be -----

void

which of the following is the first step in FOR loop?

Initialization condition

When we call a function and pass an argument, an object or variable to the function, it is called ?

call by value

Stream insertion(<>) are always implemented as ----- function.

Non-member

which of the following statement is not true about over loading stream extraction operator(>>)?

it can be a member operator.

endl is a type of -----manipulator.

Parameterized less

In C++, which operator is used to access the data members of the class?

Dot

which of the following is not true about Destructor ?

Destructors cannot be used for memory manipulation.

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