

Cs201 quiz 2 2022 updated file

Salik institutions-cs201 group

0300-9469045

-----will return the number of byte reserved for a variable or data type.

Size of operator

Overloading assignment operator must be

Member function of class

If we do not write our own assignment operator then which of the following problem may occurs?

Memory leak

getch() is a----- function and define in ----- header file

user-define function, conio.h

function declared with the -----specifier in a class member list are called friend function of that class.

Friend

Constructor has----- the same name as data member

Care must be token about the correct-----of operator while overloading.

Both semantic and complexity

Which function is used to delete the allocated memory space?

Malloc

Friend function are----- private

We cannot increment----- reference

Which one of the following is the correct statement about operator overloading?

Arithmetic operator can be overload only

Name of the function whose definition can be substituted at a place where its function call is made-----

inline function

new operator can be used for -----

integer, float, char, and double data type

Consider the following code segment, which of the following will be called while executing code at line 2?

String s1,s2

S1=s2;

Assignment operator

The-----data type always represents an empty set of values in c++.

Void

The syntax of declaration of a function that returns the reference to an integer is

Int & myfunc();

While using -----operator we do not need to supply number of bytes allocated.

New

Object code is machine code but it is not-----and-----

Relocatable, executable

The new operator automatically determines the size of memory required to store that object, it does not need-----

Size of operator

If Class A is friend class B and B class is friend class C if class A wants class c to be a friend-----

It has to declare , class c as a friend

Identify the correct method of adding two string S1 and s2.

Strcat(s1,s2);

Window operating system may itself take memory from-----

Stack or Heap

When two operator function is define as member function for a binary plus(+) operator then the number of extra arguments it takes is/are

Two or zero zero

----- for parameter is also done for inline function.

Automatic type checking

In a class when we can have-----consructor(s).

Many

-----operators are the once that require two operands on the both sides of the operator.

Binary

The data member of the class are initialized-----

At runtime

Which of the following is the declaration of overloading pre-increment operator implemented as member function?

Class-name operator ++();

Let suppose a=b=c in such

Object code is mchine code but it is not-----and -----

Compiled,debugger

To avoid the dangling reference, do not return -----

The referanceof a global variables from the function

Which of the following permets function overloading in c++

Both type and arguments

An address is a----- while and pointer is a -----

Constant, variable

#define CIRCUMISTANCE(X) (2*PI*R) is a

Defination of a micros

The friend function of a class can have access-----

To public private and protected data members

In overloading assignment(=) operator, which object will be passed as an argument(s) in the parameter function?

Both objects will be passed

A reference cannot be null it has to point to a data type.

True

Friend functions are-----

Private

Header file private -----so the program running on one operating system can run without an error on the other system

Accuracy

The members of a class declared without any keyword are-----by default.

Private

If the memory in the free store is not sufficient-----

Malloc function returns null pointer

Macros are categorized into-----type(s)

Three

Look at the statement below

int & a; and tell what is happened

Compiler will generate an error

Constructor is a special type of function -----

Which has no return type

The friend function keyword provides access-----

To the data member of the friend class only

Which data type variables(objects) self assignment can produce.

Syntax error

The function overloading requires-----

The arguments list will be different

The-----is called automatically when an object destroys

Constructor

For joining two string in string class we may use “ ” -----

No

A class can be declare as a -----of other class

Member

Data type is equivalent to -----

Date+1

For accessing data members we use----- operators

Dot.

The dynamic memory allocation use-----whereas static memory allocation uses-----

Static list

The member of class declared without any keyword are-----by default

public

To prevent dangling reference the function returning reference should be used with-----

Static and global variables

Free function is available in-----header file.

Stdlib.h

Argument operator isn't used to initialize a newly declared object from existing object

true

A pointer is-----

A variable for storing address

The default visibility for a data member of the class is

Private

The operator to free the allocated memory using new operator-----

Delete

The heap memory structure-----

Constantly changes in size

Bugs can occur due to -----

Uninitialized data

When the compiler overloads the assignments (=) by default then

Compiler does not member wise assignments

In function, that returns reference use-----

Global and static variables

Look at the program code and identify the error.

```
#include<iostream>
```

```
Using namespace std;
```

```
#define pi
```

```
Main{
```

```
}
```

Error exist in the line number 2 semi colon is not allowed with define directive

Destructor-----

Cannot be overload and have no return type

The dynamic memory allocation uses----- whereas static memory allocation uses-----

Heap ,stack

The reference data type are used as -----variable without any -----operator

Ordinary,deference

C++ offer-----level of data access control inside a class

Three

Is a special type of pointer we have to cost it before we use it.

Void

Encapsulation mean-----

That the data of a class cannot be accessed from outside

The friend keyword provides access-----

In one direction only

Which one of the following is mandatory preprocessor directive for c++?

#include<iostream>

C++ developed by-----

Behorne stroustrup

Once an object is declared as a friend,-----

It has access to all no public member as if they were public

If text is a pointer of type string then what will be functionality of following statement

Text = new string [5]

Create array of 5 objects dynamically

A-----function of a class is defined outside that class scope, but it can access all private and protected member of the class.

friend

The concept of friend function negates the concept of-----

encapsulation

Default constructor takes-----

no parameter

which of the following permits function overloading in c++?

Both type and arguments

A class is a user defined data type it takes -----

No space in memory unless we create an object from it

#undef is used for-----

Making a symbol undefined

The data member of the class are initialize -----

At runtime

----- operator are the once that required two operand on both side of the operator.

Binary

-----for parameters is also done for inline functions.

Automatic type checking

Name of the function whose definition can be substituted at a place where it function call is made -----

inline function

For console input and output we use -----

Conio.h header file

Reference it is not really an address it is-----

A synonym

Reference variable is -----

Be initalize after they are declared

Once an object is declared as friend -----

It has access to all non-public member as if they where public

For binary member operator.operands on the -----drive the operation

Left