# **Multiple Inheritance in C++**

Multiple Inheritance is a feature of C++ where a class can inherit from more than one classes. The constructors of inherited classes are called in the same order in which they are inherited. For example, in the following program, B’s constructor is called before A’s constructor.

A class can be derived from more than one base class.

Eg:

(i) A CHILD class is derived from FATHER and MOTHER class

Syntax:

class A

{

... .. ...

};

class B

{

... .. ...

};

class C: public A,public B

{

... ... ...

};

#include<iostream>

using namespace std;

class A

{

public:

A() { cout << "A's constructor called" << endl; }

};

class B

{

public:

B() { cout << "B's constructor called" << endl; }

};

class C: public B, public A // Note the order

{

public:

C() { cout << "C's constructor called" << endl; }

};

int main()

{

C c;

return 0;

}

Output:

B's constructor called

A's constructor called

C's constructor called