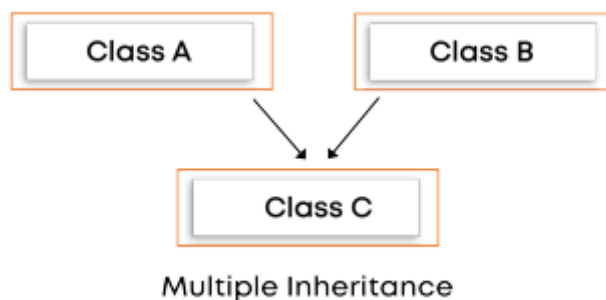


Multiple Inheritance

Overview

In multiple inheritance, a class can inherit more than one class. This means that in this type of inheritance, a single child class can have multiple parent classes.



Syntax:

```
class parent_class1 {  
    //Body of parent class1  
};  
  
class parent_class2 {  
    //Body of parent class2  
};  
  
class child_class: access_modifier parent_class1, access_modifier  
parent_class2 {  
    //Body of child class  
};
```

Example:

```
#include<iostream>

using namespace std;
// Parent class
class Animal {
    public:
        void eat() {
            cout << "eating" << endl;
        }
};

// Parent class
class Dog {
    public: void bark() {
        cout << "barking" << endl;
    }
};

// Inherited class
class BabyDog: public Animal, public Dog {
    public: void weep() {
        cout << "weeping";
    }
};

int main() {

    // Creating an object of the child class
    BabyDog obj;

    // calling methods
    obj.eat();
    obj.bark();
    obj.weep();

}
```

Output:

```
eating
barking
weeping
```