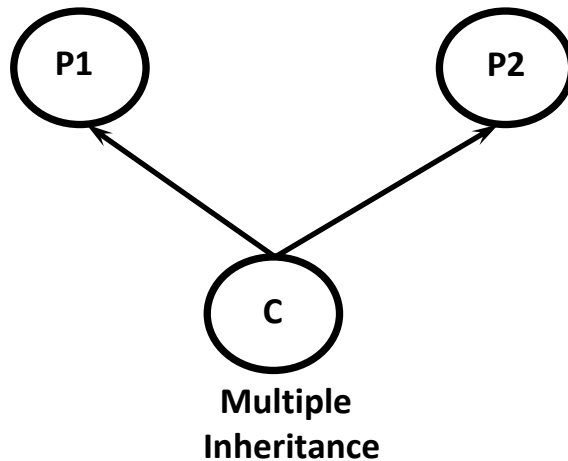




## 4. Multiple Inheritance:

The concept of inheriting the properties from multiple classes into a single class at a time, is known as multiple inheritance.



```
1) class P1:
2)     def m1(self):
3)         print("Parent1 Method")
4) class P2:
5)     def m2(self):
6)         print("Parent2 Method")
7) class C(P1,P2):
8)     def m3(self):
9)         print("Child2 Method")
10) c=C()
11) c.m1()
12) c.m2()
13) c.m3()
```

### Output:

```
Parent1 Method
Parent2 Method
Child2 Method
```

If the same method is inherited from both parent classes, then Python will always consider the order of Parent classes in the declaration of the child class.

```
class C(P1,P2): ==>P1 method will be considered
class C(P2,P1): ==>P2 method will be considered
```