

# Python Multiple Inheritance in Hindi

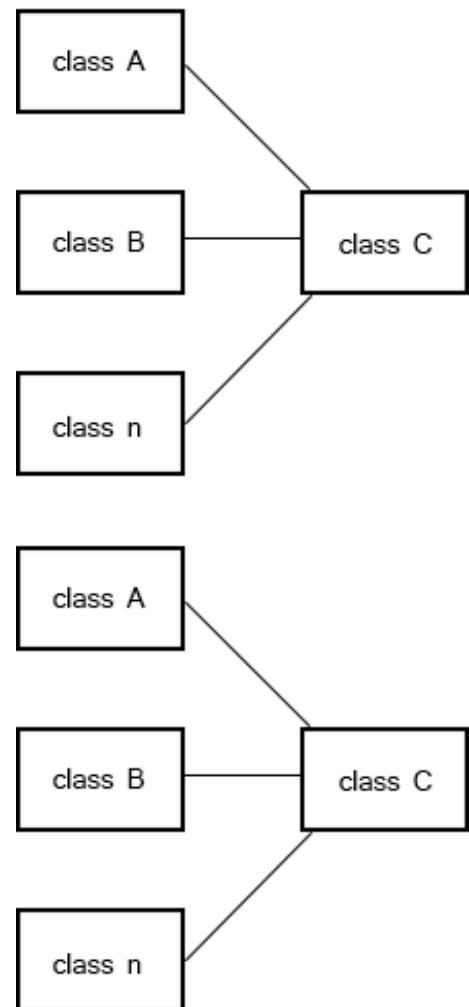
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## Python - Python Multiple Inheritance

Multiple Inheritance में एक से अधिक base classes हो सकते हैं और एक derived class होता है |

Derived class को दो या दो से ज्यादा base classes को inherit किया जाता है, उसे Multiple Inheritance कहते हैं |

Multiple Inheritance में एक Child Class और उसके एक से ज्यादा Parent Classes को inherit करता है |



## Syntax for Multiple Inheritance

```
class Base1:
    Base1_Class_Body
class Base2:
    Base2_Class_Body
class Derived(Base2,Base1):
    Derived_Class_Body
```

## Example for Multiple Inheritance

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Example पर Employee और Fitness ये दो Base class है और उनका एक ही derived class है जो दोनों base class की properties को inherit करता है |

Source Code :

```
#Base class of Company
class Employee:
    def set1(self,empid,name,salary):
        self.empid = empid
        self.name = name
        self.salary = salary

#Base class of Company
class Fitness:
    def set2(self,height,weight):
        self.height = height
        self.weight = weight

#Derived class of Fitness and Employee
class Company(Fitness,Employee):
    def set3(self,company,dep):
        self.company = company
        self.dep = dep
    def display(self):
        print("id :",self.empid)
        print("name :",self.name)
        print("salary :",self.salary,"Rs")
        print("height :",self.height,"cm")
        print("weight :",self.weight,"kg")
        print("Company :",self.company)
        print("Department :",self.dep)

obj = Company()
obj.set1(1,"Rakesh",27000)
obj.set2(176,60)
obj.set3("Infosys", "IT")
obj.display()
```

Output :

```
id : 1
name : Rakesh
salary : 27000 Rs
height : 176 cm
weight : 60 kg
Company : Infosys
Department : IT
```