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In [ ]: # Python program to demonstrate
# multiple inheritance

# Base class1
class food:
    fooditem= ""

    def mother(self):
        print(self.fooditem)

# Base class2

class price:
    foodprice = ""

    def father(self):
        print(self.foodprice)

# Derived class

class order(food, price):
    def bill(self):
        print("food item :", self.fooditem)
        print("bill :", self.foodprice)

# Driver's code
s1 = order()
s1.fooditem = "burger"
s1.foodprice = 1500
s1.bill()
```

```
food item : burger
bill : 1500
```

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In [ ]: # Python program to demonstrate
# multilevel inheritance

class staff:
    def __init__(self, staffname):
        self.staffname = staffname

class salary(staff):
    def __init__(self, staffname, salary): # Corrected order of parameters
        self.salary = salary
        super().__init__(staffname)

class paymentstatus(salary):
    def __init__(self, staffname, salary, status): # Corrected order of parameters
        self.status = status
        super().__init__(staffname, salary)
```

```
def salarystatus(self):  
    print('staffname :', self.staffname)  
    print("salary status :", self.status)  
    print("salary is :", self.salary)
```

```
s1 = paymentstatus('ram', 15000, 'paid') # Corrected order of arguments  
s1.salarystatus()
```

```
staffname : ram  
salary status : paid  
salary is : 15000
```

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In [ ]: # Python program to demonstrate  
        # Hierarchical inheritance
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```
class Shop:  
    def shopname(self):  
        print("The shop name is mingos")  
  
class CuisineType(Shop):  
    def cuisine(self):  
        print("It has Chinese cuisine")  
  
class FoodAvailability(Shop):  
    def availability(self):  
        print("The food is available")  
  
object1 = Shop()  
object2 = CuisineType()  
object3 = FoodAvailability()  
  
object1.shopname()  
object2.shopname()  
object2.cuisine()  
object3.shopname()  
object3.availability()
```

```
The shop name is mingos  
The shop name is mingos  
It has Chinese cuisine  
The shop name is mingos  
The food is available
```