#1.

class Library:

def \_\_init\_\_(self,li\_name,li\_address,li\_contact):

self.li\_name=li\_name

self.li\_address=li\_address

self.li\_contact=li\_contact

def display\_info(self):

print(" Library\_name:",self.li\_name,"\n","Library\_address:",self.li\_address,"\n","Library\_contact:",self.li\_contact)

class Member:

def \_\_init\_\_(self,name,id,contact):

self.name=name

self.id=id

self.contact=contact

def display(self):

print(" Member\_name:",self.name,"\n","Member\_id:",self.id,"\n","Member\_contact:",self.contact)

class Library\_Mangement(Library,Member):

def \_\_init\_\_(self,li\_name,li\_address,li\_contact,name,id,contact):

super().\_\_init\_\_(li\_name,li\_address,li\_contact)

Member. \_\_init\_\_(self,name,id,contact)

def dis(self):

self.display\_info()

self.display()

l=Library\_Mangement("Jawaharlal\_Nehru\_library","University\_mumbai",5465354353,"Asta",35436,8122030629)

l.dis()

#2.

class Restaurant:

def \_\_init\_\_(self,res\_name,category,dish\_name):

self.res\_name=res\_name

self.category=category

self.dish\_name=dish\_name

def display\_info(self):

print(" Restaurant\_name:",self.res\_name,"\n","Category:",self.category,"\n","Dish\_name:",self.dish\_name)

class Delivery:

def \_\_init\_\_(self,name,id,contact):

self.name=name

self.id=id

self.contact=contact

def display(self):

print(" Deliveryboy\_name:",self.name,"\n","Deliveryboy\_id:",self.id,"\n","Deliveryboy\_contact:",self.contact)

class Order(Restaurant,Delivery):

def \_\_init\_\_(self,res\_name,category,dish\_name,name,id,contact):

super().\_\_init\_\_(res\_name,category,dish\_name)

Delivery.\_\_init\_\_(self,name,id,contact)

def dis(self):

self.display\_info()

self.display()

r=Order("Bilal","Non-veg","Chicken\_lollipop","Asta",35436,8122030629)

r.dis()