

1.

```
class Library:
    def __init__(self,name,author,genre):
        self.name=name
        self.author=author
        self.genre=genre
    def displayBookInfo(self):
        print(f"name: {self.name}\nAuthor: {self.author}\nGenre:{self.genre}")
class Member:
    def __init__(self,m_name,m_id):
        self.m_name=m_name
        self.m_id=m_id
    def displayMemberInfo(self):
        print(f"Member Name: {self.m_name}\nMember ID: {self.m_id}")
class LibraryManagement(Library,Member):
    def __init__(self,name,author,genre,m_name,m_id):
        super().__init__(name,author,genre)
        Member.__init__(self,m_name,m_id)
    def display(self):
        self.displayBookInfo()
        self.displayMemberInfo()
```

```
l=LibraryManagement("The art of letting go","sanhita baruah","emotional","smith",1326)
l.display()
```

2.

```
class Restaurant:
    def __init__(self,name,menu,price):
        self.name=name
        self.menu=menu
        self.price=price
    def displayRestaurantInfo (self):
        print(f"Restaurant Name: {self.name}\nMenu: {self.menu}\nPrice: {self.price}")
class Delivery:
    def __init__(self,rider_name,rider_number):
        self.rider_name=rider_name
        self.rider_number=rider_number
    def displayDeliveryInfo(self):
        print(f"Delivery Person: {self.rider_name}\nDelivery Person Contact: {self.rider_number}")
class Order(Restaurant,Delivery):
    def __init__(self,name,menu,price,rider_name,rider_number):
```

```
super().__init__(name,menu,price)
Delivery.__init__(self,rider_name,rider_number)
def displayOrder(self):
    self.displayRestaurantInfo()
    self.displayDeliveryInfo()
d=Order("dominos","chiken pizza",120,"mithun",1234567)
d.diplayOrder()
```