#miltiple\_inheritence

class Person:

def \_\_init\_\_(self,name,age):

self.name=name

self.age=age

def display\_info(self):

print(" name:",self.name,"\n","age:",self.age)

class Employee(Person):

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

super(). \_\_init\_\_(name,age)

self.id=id

def display(self):

self.display\_info()

print(" id:",self.id)

class Manager(Employee):

def \_\_init\_\_(self,name,age,id,salary):

super().\_\_init\_\_(name,age,id)

self.salary=salary

def dis(self):

self.display()

print(" salary:",self.salary)

m=Manager("Priya",17,1331,500000)

m.dis()

#multiple\_inheritence

class Student:

def \_\_init\_\_(self,name,age):

self.name=name

self.age=age

def get\_display\_info(self):

print("name:",self.name,"\n","age:",self.age)

class Payment(Student):

def \_\_init\_\_(self,name,age,fees):

super().\_\_init\_\_(name,age)

self.fees=fees

def display\_info(self):

self.get\_display\_info

print("fees:",self.fees)

class Marks(Payment):

def \_\_init\_\_(self,name,age,fees,mark1,mark2,mark3):

super().\_\_init\_\_(name,age,fees)

self.mark1=mark1

self.mark2=mark2

self.mark3=mark3

def display(self):

self.display\_info()

self.avg=(self.mark1+self.mark2+self.mark3)/3

print("average:",self.avg)

print("mark1:",self.mark1,"\n","mark2:",self.mark2,"\n","mark3:",self.mark3)

s=Marks("Priya",17,"50000",90,90,90)

s.display()