***Day 10 task***

### ***Create a real time scenario for inheritance example Banking concept***

**class** **Bank\_Account**:

**def** \_\_init\_\_(self):

self.balance=0

print("Hello!!! Welcome to the Deposit & Withdrawal Machine")

**def** display(self):

print("**\n** Net Available Balance=",self.balance)

s = Bank\_Account()

***Output:-***

Hello!!! Welcome to the Deposit & Withdrawal Machine

***#inheritance***

**class** **Deposit**(Bank\_Account): *#inheritance*

**def** deposit(self):

amount=float(input("Enter amount to be Deposited: "))

self.balance += amount

print("**\n** Amount Deposited:",amount)

p=Deposit()

p.deposit()

***Output:-***

Hello!!! Welcome to the Deposit & Withdrawal Machine

Enter amount to be Deposited: 0

Amount Deposited: 0.0

***#Multiple inheritance***

**class** **Withdraw**(Bank\_Account): *#mutiple inheritance*

**def** withdraw(self):

amount = float(input("Enter amount to be Withdrawn: "))

**if** self.balance>=amount:

self.balance-=amount

print("**\n** You Withdrew:", amount)

**else**:

print("**\n** Insufficient balance ")

q=Withdraw()

q.withdraw()

s.display()

***Output:-***

Hello!!! Welcome to the Deposit & Withdrawal Machine

Enter amount to be Withdrawn: 700

Insufficient balance

Net Available Balance= 0