#1.

class Employee:

def getEmployeeInfo(self):

self.id = input("Enter the ID:")

self.name = input("Enter the Name:")

def displayEmployeeInfo(self):

print("ID=",self.id,"\nName=",self.name)

class Perks(Employee):

def getDetails(self):

self.getEmployeeInfo()

self.sal = int(input("Enter the Salary:"))

def displayInfo(self):

self.displayEmployeeInfo()

print("Salary=",self.sal)

#object creation

p = Perks()

p.getDetails()

p.displayInfo()

#2.

class Inventory:

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

self.prodId = input("Enter the ProdId :")

self.prodname = input("Enter the ProdName:")

self.prodcount = input("Enter the ProdCount:")

class Products(Inventory):

def display(self):

print("ProdId=",self.prodId,"\nProdName=",self.prodname,"\nProdCount=",self.prodcount)

p=Products()

p.display()

#test

class Inventory:

def \_\_init\_\_(self,prodId,prodName,prodcount):

self.prodId = prodId

self.prodName = prodName

self.prodcount = prodcount

def display(self):

print(f"ProdId:{self.prodId}\nProdName:{self.prodName}\nProdcount:{self.prodcount}")

p = Inventory(4556,"pen",3)

p.display()