

#question 1

```
class Inventory:
    def __init__(self):
        self.prodid=int(input('enter Id'))
        self.prodname=input('enter name')
        self.prodcount=int(input('enter the count'))

class Display(Inventory):
    def show(self):
        print('Product name',self.prodid,'product name',self.prodname,'product
count',self.prodcount)

d=Display()
d.show()
```

#question 2

```
class Employee:
    def getEmployeeInfo(self):
        self.id=input("Enter ID:")
        self.name=input("Enter the name:")
    def displayEmployeeInfo(self):
        print("ID = ",self.id,"Name = ",self.name)
#inherited the Employee class
class Perks(Employee):
    def getDetails(self):
        self.getEmployeeInfo()#will go to the particular method
        self.sal=int(input("Enter the Salary:"))
    def displayInfo(self):
        self.displayEmployeeInfo()#will go to the particular method
        print("salary = ",self.sal)
#object creation
p=Perks()
p.getDetails()
p.displayInfo()
```

#question 3

```
class Inventory():
    def __init__(self):
        self.prodId=int(input("Enter the Product ID: "))
        self.prodName=input("Enter the Product Name: ")
        self.prodCount=int(input("Enter the product Count: "))
class Products(Inventory):
    def display(self):
        print("Product Id: ",self.prodId)
```

```
        print("Product Name: ",self.prodName)
        print("Product Count: ",self.prodCount)
p=Products()
p.display()
```