Date: 1/11/2021

**Tutorial -1**

**Question 1**

Write an object oriented program to store the details of an employee, display the details of the Employee having salary greater than I lack per month and the employee details consist of Employee name, Employee id, department, institution name, salary.

**Program**

class Employee:

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

        self.name=name

        self.id=id

        self.institute=institute

        self.dept=dept

        self.salary=salary

    def display(self):

        print("Employee details : ",self.name,self.id,self.institute,self.dept,self.salary)

list=[]

list.append(Employee("Anooja",11,"IBM","Management",2000000))

list.append(Employee("Jinu",12,"TCS","Account",500000))

list.append(Employee("Pallavi",13,"Apple","Technical",5000000))

list.append(Employee("Nadhu",14,"Google","SA",8000000))

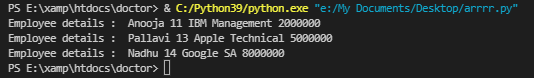
list.append(Employee("Dilna",15,"Accolite","Cloud techi",900000))

for obj in list:

    if((obj.salary/12) > 100000):

        obj.display()

**Output**



**Question 2**

Define a class product with members pcode, pname, price, fruit and cosmetics. Create 3 object of the class and find the product having the lowest price and also the product appearing in fruit and cosmetics?

**Program**

class Product:

    def \_\_init\_\_(self,pcode,pname,price,fruit,cosmetic):

        self.pcode = pcode

        self.pname = pname

        self.price = price

        self.fruit = fruit

        self.cosmetic = cosmetic

    def display(self):

        print("Pcode : ",self.pcode)

        print("Pname : ",self.pname)

        print("Price : ",self.price)

list = []

list.append(Product(3001,"Banana",850,True,True))

list.append(Product(3002,"Cherry",820,True,False))

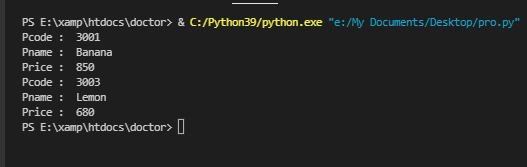
list.append(Product(3003,"Lemon",680,True,True))

for p in list:

    if(p.fruit and p.cosmetic ):

        p.display()

**output**

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