OBJECT ORIENTED PROGRAMMING LAB

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**Roll No:50**

**Batch:B**

**Date:06-04-22**

**Experiment No.: 1**

**Aim**

Define a class Product with data members pcode, pname and price. Create 3 object of

the class and find the Product having the largest price.

**Procedure**

import java.util.\*;

public class Product

{

int pcode;

String pname;

double price;

Scanner sc=new Scanner(System.in);

Product()

{

pcode=0; pname="";price=0.0;

}

Product(int pcode,String pname,double price)

{

this.pcode=pcode;

this.pname=pname;

this.price=price;

}

void get\_item()

{

System.out.println("\n Enter a produt code : ");

pcode=sc.nextInt();

sc.nextLine();

System.out.println("\n Enter a product name: ");

pname=sc.nextLine();

System.out.println("\n Enter the price : ");

price=sc.nextDouble();

}

public double calc\_price(Product ob1,Product ob2,Product ob3)

{

double g;

if(ob1.price>ob2.price)

{

if(ob1.price>ob3.price)

{

g=ob1.price;

}

else

g=ob3.price;

}

else

{

if(ob2.price > ob3.price)

{

g=ob2.price;

}

else

g=ob3.price;

}

return g;

}

public void display\_item()

{

System.out.println("\n PRODUCT INFORMATION\n");

System.out.println("\n============================\n");

System.out.println("\n PRODUCT CODE : "+pcode);

System.out.println("\n PRODUCT NAME : "+pname);

System.out.println("\n PRODUCT PRICE : "+price);

System.out.println("\n---------------------------\n");

}

public static void main(String args[])

{

Product p1=new Product(101,"biscuit",35);

Product p2=new Product();

p2.pname="cake";

p2.pcode=102;

p2.price=55;

Product p3=new Product();

p3.get\_item();

System.out.println("\n The details of product 1 is:\n");

p1.display\_item();

System.out.println("\n The details of Product 2 is\n");

p2.display\_item();

System.out.println("\n The details of product 3 is \n");

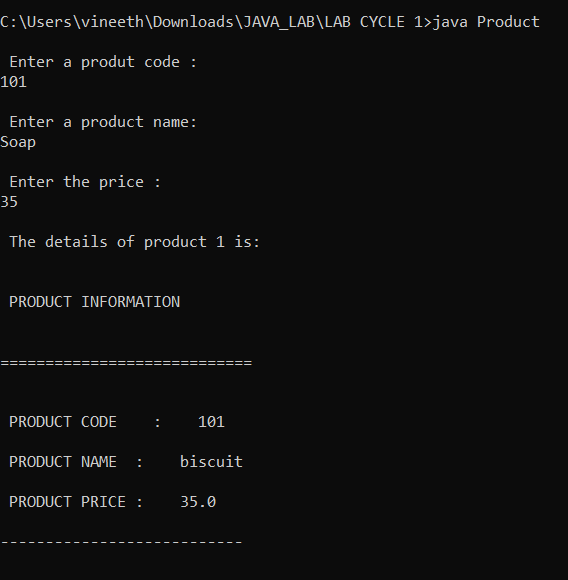
p3.display\_item();

System.out.println("\n The Product having biggest price is : "+p1.calc\_price(p1,p2,p3));

}

}

**Output Screenshot**

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