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**Batch:MCA-R**

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**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No: 1**

**Aim**

Define a class product with data members Pcode, Pname and price. Create three objects of the class and find the product having the lowest price.

**Procedure**

public class Product{

String pcode, pname;

double price;

public void details(){

System.out.println("The product name is : "+pname);

System.out.println("The product code is : "+pcode);

System.out.println("The product price is : "+price);

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

}

public static void main(String[] args){

System.out.println("\nJava Program to find the lowest price of the

mentioned products using Class/Objects implementation.\n");

Product prod1= new Product();

prod1.pcode= "P1001";

prod1.pname= "Red Bull";

prod1.price= 45.7;

prod1.details();

Product prod2= new Product();

prod2.pcode= "P1002";

prod2.pname= "Cabbage";

prod2.price= 62.1;

prod2.details();

Product prod3= new Product();

prod3.pcode= "P1003";

prod3.pname= "Eclairs";

prod3.price= 5.0;

prod3.details();

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

if(prod1.price < prod2.price){

if(prod1.price < prod3.price){

System.out.println("The price of "+prod1.pname+" is the

lowest");

}

else{

System.out.println("The price of "+prod3.pname+" is the

lowest");

}

}

else{

if(prod2.price < prod3.price){

System.out.println("The price of "+prod2.pname+" is the

lowest");

}

else{

System.out.println("The price of "+prod3.pname+" is the

lowest");

}

}

}

}

**Output Screenshot**

