**OBJECT ORIENTED PROGRAMMING LAB**

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**Roll No: 42**

**Batch: B**

**Date: 26/03/22**

**Experiment No.: 1**

**Aim**

 Define a class ‘product’ with data members pcode, pname and price. Create 3 objects of the class and find the product having the lowest price.

**PROCEDURE**

class Product{

String pcode, pname;

double price;

void details(){

System.out.println("PRODUCT DETAILS");

System.out.println("PCode : "+pcode);

System.out.println("PName : "+pname);

System.out.println("Price : "+price);

}

}

public class ProductDetails{

public static void main(String args[]){

Product p1 = new Product();

p1.pcode = "S9T20";

p1.pname = "SAMSUNG S9";

p1.price = 20300;

System.out.println("\nProduct1:");

p1.details();

Product p2 = new Product();

p2.pcode = "XE302";

p2.pname = "ONE PLUS";

p2.price = 28000;

System.out.println("\nProduct2:");

p2.details();

Product p3 = new Product();

p3.pcode = "Y20";

p3.pname = "VIVO";

p3.price = 13000;

System.out.println("\nProduct3:");

p3.details();

if(p1.price<p2.price && p1.price<p3.price){

System.out.println("\n\nProduct1 has the lowest price :");

p1.details();

}

else if(p2.price < p3.price){

System.out.println("\nProduct2 has the lowest price:\n");

p2.details();

}

else

{

System.out.println("\nProduct3 has the lowest price:\n");

p3.details();

}

}

}

**Output**

