OBJECT ORIENTED PROGRAMMING LAB

Name: ATHUL VINAYAKUMAR

Roll No:5

Batch: MCA-B

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Experiment No.: 1

Aim

Define a class product with data members pcode,pname and 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 = "HYUIOPER1";
      p1.pname = "REALME";
      p1.price = 12000;
      System.out.println("\nProduct1:");
```

```java
    p1.details();


    Product p2 = new Product();

    p2.pcode = "CVGUERT34";

    p2.pname = "Samsung";

    p2.price = 15000;

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

    p2.details();


    Product p3 = new Product();

    p3.pcode = "ASOI43DT";

    p3.pname = "IPHONE";

    p3.price = 80000;

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

    p3.details();


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

    {

     System.out.println("\n\nProduct with lowest price is:");

     p1.details();

    }

    else if(p2.price<p3.price)

    {

     System.out.println("\n\nProduct with lowest price is:");

     p2.details();

    }

    else

    {

     System.out.println("\n\nProduct with lowest price is:");

     p3.details();

    }
```
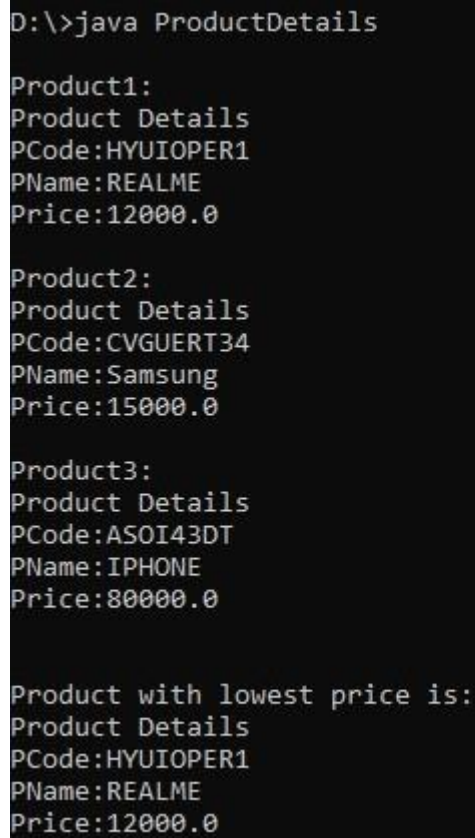
```
    }

}
```

Output Screenshot

```
D:\>java ProductDetails

Product1:
Product Details
PCode:HYUIOPER1
PName:REALME
Price:12000.0

Product2:
Product Details
PCode:CVGUERT34
PName:Samsung
Price:15000.0

Product3:
Product Details
PCode:ASOI43DT
PName:IPHONE
Price:80000.0


Product with lowest price is:
Product Details
PCode:HYUIOPER1
PName:REALME
Price:12000.0
```