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**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 1**

**Aim**

Define a class “product” with data member pcode,pname and price.Create 3 objects of the class and find the product having the lowest price.

**Source code:**

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 = "THN2134PI";

         p1.pname = "REDALME";

         p1.price = 11000;

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

         p1.details();

         Product p2 = new Product();

         p2.pcode = "WECV872WE";

         p2.pname = "Bluetooth";

         p2.price = 1500;

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

         p2.details();

         Product p3 = new Product();

         p3.pcode = "QOI43DT6";

         p3.pname = "SMART WATCH";

         p3.price = 1000;

         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:**

