

**Object Oriented Programming LAB****Experiment No.: 1****Aim**

Define a class product with data member pcode,pname and price .Create three objects using the class and find the product having lowest price.

**Procedures**

```
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();
    }
}
```

**Name: Shefany Shanavas****Roll No: 37****batch: RMCA(B)****Date:26/03/2021**

```
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

```
D:\java\exam>javac ProductDetails.java
```

```
D:\java\exam>java ProductDetails
```

```
Product1:  
PRODUCT DETAILS  
PCode : S9T20  
PName : SAMSUNG S9  
Price : 20300.0
```

```
Product2:  
PRODUCT DETAILS  
PCode : XE302  
PName : ONE PLUS  
Price : 28000.0
```

```
Product3:  
PRODUCT DETAILS  
PCode : Y20  
PName : VIVO  
Price : 13000.0
```

```
Product3 has the lowest price:
```

```
PRODUCT DETAILS  
PCode : Y20  
PName : VIVO  
Price : 13000.0
```