

**OBJECT ORIENTED PROGRAMMING LAB****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 = "WERYIOP23";
        p1.pname = "ONEPLUS";
        p1.price = 32000;
        System.out.println("\nProduct1:");
```

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```
p1.details();
```

```
Product p2 = new Product();
```

```
p2.pcode = "TYUIOP2DF";
```

```
p2.pname = "POCO M2";
```

```
p2.price = 18000;
```

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

```
p2.details();
```

```
Product p3 = new Product();
```

```
p3.pcode = "ARYWO23T";
```

```
p3.pname = "SAMSUNG";
```

```
p3.price = 15000;
```

```
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
```

```
{
```

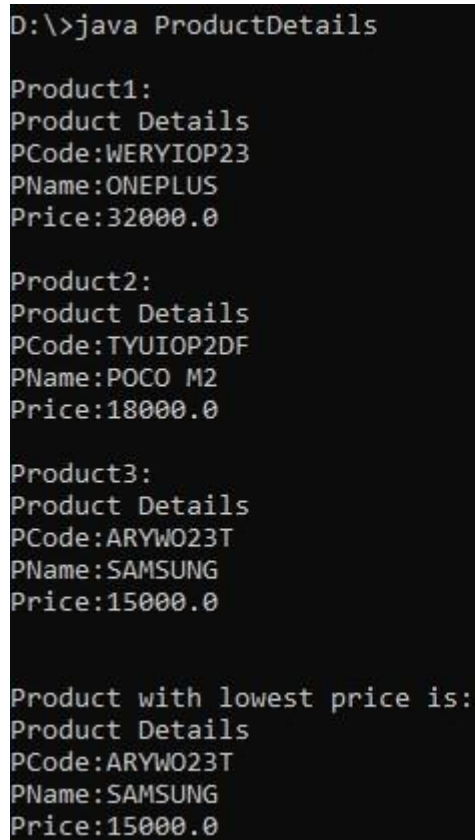
```
System.out.println("\n\nProduct with lowest price is:");
```

```
p3.details();
```

```
}
```

```
}  
}
```

### Output Screenshot



```
D:\>java ProductDetails  
  
Product1:  
Product Details  
PCode:WERYIOP23  
PName:ONEPLUS  
Price:32000.0  
  
Product2:  
Product Details  
PCode:TYUIOP2DF  
PName:POCO M2  
Price:18000.0  
  
Product3:  
Product Details  
PCode:ARYW023T  
PName:SAMSUNG  
Price:15000.0  
  
Product with lowest price is:  
Product Details  
PCode:ARYW023T  
PName:SAMSUNG  
Price:15000.0
```