

NETWORKING & SYSTEM ADMINISTRATION LAB**Name: vismaya Mohan****Roll No: 54****Batch: B****Date:29/3/2022****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("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 = "pd12";
        p1.pname = "CHAIR";
        p1.price = 500;
        System.out.println("\nProduc 1 details are:");
        p1.details();

        Product p2 = new Product();
```

```
p2.pcode = "fg56";  
p2.pname = "TABLE";  
p2.price = 550;  
System.out.println("\nProduc 2 details are:");  
p2.details();
```

```
Product p3 = new Product();  
p3.pcode = "jy769";  
p3.pname = "PHONE";  
p3.price = 40000;  
System.out.println("\nProduc 3 details are:");  
p3.details();
```

```
if(p1.price<p2.price && p1.price<p3.price){  
    System.out.println("\n\nProduct with lowest price is displayed :");  
    p1.details();  
}  
else if(p2.price < p3.price){  
    System.out.println("\nProduct with lowest price is displayed :\n");  
    p2.details();  
}  
else  
{  
  
    System.out.println("\nProduct with lowest price is displayed :\n");  
    p3.details();  
}  
}  
}
```

Output Screenshot

```
Microsoft Windows [Version 10.0.17763.1577]
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D:\wismaya>javac ProductDetails
error: Class names, 'ProductDetails', are only accepted if annotation processing is explicitly requested
1 error

D:\wismaya>javac ProductDetails.java

D:\wismaya>java ProductDetails

Produc 1 details are:
PCode : pd12
PName : HP computer
Price : 50000.0

Produc 2 details are:
PCode : fg56
PName : APPLE IPHONE
Price : 55000.0

Produc 3 details are:
PCode : ERD456TR
PName : TELEVISION
Price : 40000.0

Product with lowest price is displayed :

PCode : ERD456TR
PName : TELEVISION
Price : 40000.0

D:\wismaya>
```