OBJECT ORIENTED PROGRAMMING LAB

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Batch: B

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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();
```

```java
  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:\vismaya>javac ProductDetails
error: Class names, 'ProductDetails', are only accepted if annotation processing is explicitly requested
1 error

D:\vismaya>javac ProductDetails.java

D:\vismaya>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:\vismaya>
```