OBJECT ORIENTED PROGRAMMING LAB

Experiment No.: 1

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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

```java
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 = "PD10";
  p1.pname = "WATCH";
  p1.price = 25000;
  System.out.println("\nProduct 1:-");
  p1.details();

  Product p2 = new Product();
  p2.pcode = "PD20";
  p2.pname = "PHONE";
  p2.price = 50000;
  System.out.println("\nProduct 2:-");
  p2.details();

  Product p3 = new Product();
  p3.pcode = "PD50";
  p3.pname = "Sun Glass";
  p3.price = 2500;
  System.out.println("\nProduct 3:-");
  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("\nProduct with lowest price is :\n");
   p2.details();
   }
else
   {
   System.out.println("\nProduct with lowest price is :\n");
   p3.details();
   }
   }
}
```

Output Screenshot

```
|
Product 1:-
PRODUCT DETAILS
PCode : PD10
PName : WATCH
Price : 25000.0

Product 2:-
PRODUCT DETAILS
PCode : PD20
PName : PHONE
Price : 50000.0

Product 3:-
PRODUCT DETAILS
PCode : PD50
PName : Sun Glass
Price : 2500.0

Product with lowest price is :

PRODUCT DETAILS
PCode : PD50
PName : Sun Glass
Price : 2500.0
```