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 three objects of the class and find the product having the lowest price .

Procedure

```
public class Product{

    String pcode, pname;
    double price;

    public void details(){
        System.out.println("The product name is : "+pname);
        System.out.println("The product code is : "+pcode);
        System.out.println("The product price is : "+price);
        System.out.println("\n");
    }

    public static void main(String[] args){

        Product prod1= new Product();
        prod1.pcode= "P1000";
        prod1.pname= "Cake";
        prod1.price= 45.7;
        prod1.details();
```

```
        Product prod2= new Product();
        prod2.pcode= "P1001";
        prod2.pname= "Cola";
        prod2.price= 60.1;
        prod2.details();

        Product prod3= new Product();
        prod3.pcode= "P1002";
        prod3.pname= "juice";
        prod3.price= 5.0;
        prod3.details();



        System.out.println("\n");
        if((prod1.price < prod2.price)&&(prod1.price < prod3.price))
        {
            System.out.println("The price of "+prod1.pname+" is the lowest");
        }
        else if((prod2.price < prod1.price)&&(prod2.price < prod3.price))
        {
            System.out.println("The price of "+prod2.pname+" is the lowest");
        }
        else{
                System.out.println("The price of "+prod3.pname+" is the
lowest");
            }

    }
}
```

Output Screenshot