1. 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.

```java
package product;

import java.util.Scanner;

public class Product {
    int pcode,price;
    String pname;
    public Product(){
        Scanner s=new Scanner(System.in);
        System.out.print("enter the product code :");
        pcode= s.nextInt();
        System.out.print("enter the product name :");
        pname=s.next();
        System.out.print("enter the price :");
        price= s.nextInt();
    }
    public void display(){
        System.out.println("details of product which has lowest price");
        System.out.println("product code is " +pcode);
        System.out.println("product name is " +pname);
        System.out.println("product price is " +price);
    }

    public static void main(String[] args) {
        Product p1=new Product();
        Product p2=new Product();
        Product p3=new Product();
        if(p1.price<p2.price && p1.price<p3.price)
            p1.display();
        else if(p2.price<p1.price &&p2.price<p3.price )
            p2.display();
        else
            p3.display();

    }

}
```

```java
package product;

import java.util.Scanner;

public class Product {
    int pcode,price;
    String pname;
    public Product(){
        Scanner s=new Scanner(System.in);
        System.out.print("enter the product code :");
        pcode= s.nextInt();
        System.out.print("enter the product name :");
        pname=s.next();
        System.out.print("enter the price :");
        price= s.nextInt();
    }
    public void display(){
        System.out.println("details of product which has lowest price");
        System.out.println("product code is " +pcode);
        System.out.println("product name is " +pname);
        System.out.println("product price is " +price);
    }

    public static void main(String[] args) {
        Product p1=new Product();
        Product p2=new Product();
        Product p3=new Product();
        if(p1.price<p2.price && p1.price<p3.price)
            p1.display();
        else if(p2.price<p1.price &&p2.price<p3.price )
            p2.display();
        else
            p3.display();

    }
}
```

```java
package product;

import java.util.Scanner;

public class Product {
    int pcode,price;
    String pname;
    public Product(){
```

Output - product (run)

```
run:
enter the product code :11
enter the product name :lifebay
enter the price :100
enter the product code :12
enter the product name :sandoor
enter the price :102
enter the product code :14
enter the product name :chadrika
enter the price :99
details of product which has lowest price
product code is 14
product name is chadrika
product price is 99
BUILD SUCCESSFUL (total time: 1 minute 58 seconds)
```