1. **Define a class ‘product’ with data members, pcode, pname and price. Create3 objects of the class and find the product having the lowest price.**

**Aim:**

To define a class ‘product’ with data members, pcode, pname and price and create 3 objects of the class and find the product having the lowest price.

**Source code:**

**Product.java**

import java.io.\*;

import java.lang.\*;

public class Product

{

int pcode;

String pname;

int price;

BufferedReaderbr=newBufferedReader(newInputStreamReader(System.in);

public void getdata()

{

try

{

System.out.println("enter pcode, price,pname");

pcode=Integer.parseInt(br.readLine());

price=Integer.parseInt(br.readLine());

pname=br.readLine();

}

catch(IOException e)

{

System.out.println(e);

}

}

public void show()

{

System.out.println("pcode:"+pcode);

System.out.println("pname:"+pname);

System.out.println("price:"+price);

}

static void compare(Product p1,Product p2,Product p3)

{

System.out.println(" The product with lowest price is:");

if(p1.price<p2.price && p1.price < p3.price)

{

System.out.println("pcode:"+p1.pcode);

System.out.println("pname:"+p1.pname);

System.out.println("price:"+p1.price);

}

else if(p2.price<p1.price && p2.price < p3.price)

{

System.out.println("pcode:"+p2.pcode);

System.out.println("pname:"+p2.pname);

System.out.println("price:"+p2.price);

}

else

{

System.out.println("pcode:"+p3.pcode);

System.out.println("pname:"+p3.pname);

System.out.println("price:"+p3.price);

}

}

public static void main(String[] args) throws IOException

{

Product p1,p2,p3;

p1= new Product();

p2= new Product();

p3= new Product();

p1.getdata();

p2.getdata();

p3.getdata();

p1.show();

p2.show();

p3.show();

compare(p1,p2,p3);

}

}

**OUTPUT**

