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**Batch: B**

**Date: 29/03/22**

**OBJECT ORIENTED PROGRAMMING LAB**

**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= "P101";

prod1.pname= "Book";

prod1.price= 55.5;

prod1.details();

Product prod2= new Product();

prod2.pcode= "P202";

prod2.pname= "Pencil";

prod2.price= 10.0;

prod2.details();

Product prod3= new Product();

prod3.pcode= "P303";

prod3.pname= "Pen";

prod3.price= 20.2;

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**

