

```
1 package asn1;
2 import java.util.*;
3
4 class Customers{
5     String name;
6     String contact;
7     String email;
8     String address;
9     String gender;
10
11    public void placeOrder() {
12        System.out.println(name + " has placed order");
13    }
14
15    public void logIn() {
16        System.out.println(name + " just logged in");
17    }
18 }
19
20 class Product{
21     String name;
22     String id;
23     String manufacturer;
24     String origin;
25     double price;
26
27     public void usage() {
28         System.out.println("This is the demo of how to use the product " + name);
29     }
30
31     public void order() {
32         System.out.println("The product "+ name + " has been ordered and needs to be delivered
within a week");
33     }
34
35 }
36
37
38 public class asn1 {
39
40     public static void main(String[] args) {
41         // TODO Auto-generated method stub
42         Scanner sc = new Scanner(System.in);
43         Customers[] c = new Customers[2];
44
45         Product[] p = new Product[2];
46
47         for(int i=0; i<=1; i++) {
48             System.out.println("Enter the information of customer: " + (i+1));
49             c[i] = new Customers();
50             System.out.println("Name: ");
51             c[i].name = sc.nextLine();
52             System.out.println("Contact: ");
53             c[i].contact = sc.nextLine();
54             System.out.println("Email: ");
55             c[i].email = sc.nextLine();
56             System.out.println("Address: ");
```

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57         c[i].address = sc.nextLine();
58         System.out.println("Gender: ");
59         c[i].gender = sc.nextLine();
60     }
61
62     for(int i=0; i<=1; i++) {
63         System.out.println("Information about customer: " + (i+1));
64         System.out.println("Name: " + c[i].name);
65         System.out.println("Contact: " + c[i].contact);
66         System.out.println("Email: " + c[i].email);
67         System.out.println("Address: " + c[i].address);
68         System.out.println("Gender: " + c[i].gender);
69         System.out.println();
70
71         System.out.println("Calling the modules of customers class: ");
72         c[i].logIn();
73         c[i].placeOrder();
74         System.out.println();
75     }
76
77     for(int i=0; i<=1; i++) {
78         System.out.println("Enter the information of product: " + (i+1));
79         p[i] = new Product();
80         System.out.println("Name: ");
81         p[i].name = sc.nextLine();
82         System.out.println("Id: ");
83         p[i].id = sc.nextLine();
84         System.out.println("Manufacturer: ");
85         p[i].manufacturer = sc.nextLine();
86         System.out.println("Origin: ");
87         p[i].origin = sc.nextLine();
88         System.out.println("Price: ");
89         p[i].price = sc.nextDouble();
90         sc.nextLine();
91     }
92
93     for(int i=0; i<=1; i++) {
94         System.out.println("Information about product: " + (i+1));
95         System.out.println("Name: " + p[i].name);
96         System.out.println("Id: " + p[i].id);
97         System.out.println("Manufacturer: " + p[i].manufacturer);
98         System.out.println("Origin: " + p[i].origin);
99         System.out.println("Price: " + p[i].price);
100        System.out.println();
101
102        System.out.println("Calling the modules of product class: ");
103        p[i].usage();
104        p[i].order();
105        System.out.println();
106    }
107
108 }
109
110 }
111 }
112
113 }
```

asn1.java

Sunday, 22 January, 2023, 10:02 am

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```
<terminated> asnl [Java Application] C:\Users\SGM\p2\pool\plugins\com.eclipsesource.jdt.ls\0.1.0\bin\jdtls\bin\jdtls.jar  
Enter the information of customer: 1  
Name:  
Subhashree Mitra  
Contact: |  
9836281074  
Email:  
subhashreem@trainee.nrifintech.com  
Address:  
34/5, D. Gupta Lane, Kol-50  
Gender:  
Female  
Enter the information of customer: 2  
Name:  
Arka Nandy  
Contact:  
123456  
Email:  
example@example.com  
Address:  
abcdefg  
Gender:  
Male
```

Information about customer: 1

Name: Subhashree Mitra

Contact: 9836281074

Email: subhashreem@trainee.nrifintech.com

Address: 34/5, D. Gupta Lane, Kol-50

Gender: Female

Calling the modules of customers class:

Subhashree Mitra just logged in

Subhashree Mitra has placed order

Information about customer: 2

Name: Arka Nandy

Contact: 123456

Email: example@example.com

Address: abcdefg

Gender: Male

Calling the modules of customers class:

Arka Nandy just logged in

Arka Nandy has placed order

Enter the information of product: 1

Name:

Cup

Id:

C1001

Manufacturer:

LaÓpala

Origin:

Mumbai

Price:

200

Enter the information of product: 2

Name:

Bottle

Id:

B2001

Manufacturer:

Hilton

Origin:

Delhi

Price:

400

Information about product: 1

Name: Cup

Id: C1001

Manufacturer: LaOpala

Origin: Mumbai

Price: 200.0

Calling the modules of product class:

This is the demo of how to use the product Cup

The product Cup has been ordered and needs to be delivered within a week

Information about product: 2

Name: Bottle

Id: B2001

Manufacturer: Milton

Origin: Delhi

Price: 400.0

Calling the modules of product class:

This is the demo of how to use the product Bottle

The product Bottle has been ordered and needs to be delivered within a week