

# Code:

## Pkg Student:

```

1 package Student;
2 import java.util.Scanner;
3
4 public class student
5 {
6     Scanner get = new Scanner(System.in);
7     String usn,name;
8     int sem;
9     public void getStudentInfo()
10    {
11        System.out.printf("\n\n <----Enter the Student Details----> ");
12        System.out.print("\n USN: ");usn=get.nextLine();
13        System.out.print(" Name: ");name=get.nextLine();
14        System.out.print(" SEM: ");sem=get.nextInt();
15
16    }
17    public void displayStudent()
18    {
19        System.out.printf("\n\n <----Student Details----> ");
20        System.out.printf("\n USN: %s",usn);
21        System.out.printf("\n Name: %s",name);
22        System.out.printf("\n SEM: %d",sem);
23        System.out.printf("\n <----x----> ");
24    }
25 }
26 }
```

## Pkg Staff:

```

1 package Staff;
2 import java.util.Scanner;
3
4 public class staff
5 {
6
7     Scanner get = new Scanner(System.in);
8     String name,id;
9     String branch;
10    double salary;
11    public void getStaffInfo()
12    {
13        System.out.printf("\n\n <----Enter the Staff Details----> ");
14        System.out.print("\n ID: ");id=get.nextLine();
15        System.out.print(" Name: ");name=get.nextLine();
16        System.out.print(" Branch: ");branch=get.nextLine();
17        System.out.print(" Salary: ");salary=get.nextDouble();
18
19    }
20    public void displayStaff()
21    {
22        System.out.printf("\n\n <----Staff Details----> ");
23        System.out.printf("\n ID: %s",id);
24        System.out.printf("\n Name: %s",name);
25        System.out.printf("\n Branch: %s",branch);
26        System.out.printf("\n Salary: %.2f",salary);
27        System.out.printf("\n <----x----> ");
28    }
29 }
30 }
```

## Main Program:

```
1 import Staff.*;
2 import Student.*;
3 import java.util.Scanner;
4
5 class university
6 {
7     public static void main(String[] args)
8     {
9         Staff.staff staf[];
10        Scanner get = new Scanner(System.in);
11        Student.student stud[];
12        int m, n;
13        System.out.printf("\n Enter the Number Of Staff: ");
14        m=get.nextInt();
15        System.out.printf("\n Enter the Number Of Students: ");
16        n=get.nextInt();
17        staf=new Staff.staff[m];
18        stud=new Student.student[n];
19        for (int i=0;i<m;i++)
20        {
21            staf[i]=new Staff.staff();
22            staf[i].getStaffInfo();
23        }
24        for (int i=0;i<n;i++)
25        {
26            stud[i]=new Student.student();
27            stud[i].getStudentInfo();
28        }
29
30        for (int i=0;i<m;i++)
31        {
32            staf[i].displayStaff();
33        }
34        for (int i=0;i<n;i++)
35        {
36            stud[i].displayStudent();
37        }
38    }
39 }
40 }
```

## Output:

```
Enter the Number Of Staff: 2
```

```
Enter the Number Of Students: 1
```

```
<----Enter the Staff Details---->
```

```
ID: 1223
Name: m1
Branch: CS
Salary: 190000
```

```
<----Enter the Staff Details---->
```

```
ID: 1234
Name: m2
Branch: ECE
Salary: 187999
```

```
<----Enter the Student Details---->
```

```
USN: 1BM19CS008
Name: n1
SEM: 3
```

```
<----Staff Details---->
```

```
ID: 1223
Name: m1
Branch: CS
Salary: 190000.00
<----x---->
```

```
<----Staff Details---->
```

```
ID: 1234
Name: m2
Branch: ECE
Salary: 187999.00
<----x---->
```

```
<----Student Details---->
```

```
USN: 1BM19CS008
Name: n1
SEM: 3
<----x---->
```