

```
1 import CIE.*;
2 import SEE.*;
3 import java.util.Scanner;
4
5 class Program6 {
6     public static void main(String[] args) {
7         Scanner inp = new Scanner(System.in);
8         System.out.print("Number of students : ");
9         int n = inp.nextInt();
10        Internals in[] = new Internals[n];
11        Externals ext[] = new Externals[n];
12        for(int i=0;i<n;i++) {
13            System.out.println("Student "+(i+1));
14            in[i] = new Internals();
15            ext[i] = new Externals();
16            in[i].getdata();
17            ext[i].getdata();
18        }
19
20        System.out.println("-----Student Details-----");
21        for(int i=0;i<n;i++) {
22            System.out.println("Student "+(i+1));
23            in[i].printdata();
24            ext[i].printdata();
25        }
26    }
27 }
28
29 }
```

```
1 package SEE;
2 import CIE.*;
3 import java.util.Scanner;
4
5 public class Externals extends Student{
6     int see_marks[] = new int[5];
7     public void getdata() {
8         Scanner inp = new Scanner(System.in);
9         System.out.println("Enter SEE marks of the student : ");
10        for(int i=0;i<5;i++) {
11            System.out.print("Subject "+(i+1)+" : ");
12            see_marks[i] = inp.nextInt();
13        }
14    }
15
16    public void printdata() {
17        System.out.println("SEE marks : ");
18        for(int i=0;i<5;i++) {
19            System.out.println("Subject "+(i+1)+" : "+see_marks[i]);
20        }
21    }
22 }
23
24
```

```
1 package CIE;
2 import java.util.Scanner;
3
4 public class Internals extends Student{
5     public int [] cie_marks = new int[5];
6     public void getdata() {
7         Scanner inp = new Scanner(System.in);
8         System.out.print("Enter the following information : \n");
9         System.out.print("Name : ");
10        name = inp.nextLine();
11        System.out.print("USN : ");
12        USN = inp.nextLine();
13        System.out.print("Semester : ");
14        sem = inp.nextInt();
15
16        System.out.println("Enter the marks scored in CIE : ");
17        for(int i=0;i<5;i++) {
18            System.out.print("Subject "+(i+1)+ " : ");
19            cie_marks[i] = inp.nextInt();
20        }
21    }
22
23    public void printdata() {
24        System.out.println("Name : "+name);
25        System.out.println("USN : "+USN);
26        System.out.println("Semester : "+sem);
27
28        System.out.println("CIE Marks : ");
29        for(int i=0;i<5;i++) {
30            System.out.println("Subject "+(i+1)+ " : "+cie_marks[i]);
31        }
32    }
33 }
```



```
1 package CIE;  
2 import java.util.Scanner;  
3  
4 public class Student {  
5     public String name;  
6     public String USN;  
7     public int sem;  
8 }
```

dhruvdubey@Dhruvs-MacBook-Air Lab6 % java Program6

Number of students : 2

Student 1

Enter the following information :

Name : Rahul K

USN : 1BM19CS066

Semester : 3

Enter the marks scored in CIE :

Subject 1 : 50

Subject 2 : 4948

Subject 3 : 48

Subject 4 : 47

Subject 5 : 46

Enter SEE marks of the student :

Subject 1 : 99

Subject 2 : 98

Subject 3 : 97

Subject 4 : 96

Subject 5 : 95

Student 2

Enter the following information :

Name : DHRUV Dubey

USN : 1Bm19CS045

Semester : 3

Enter the marks scored in CIE :

Subject 1 : 44

Subject 2 : 45

Subject 3 : 46

Subject 4 : 47

Subject 5 : 48

Enter SEE marks of the student :

Subject 1 : 99

Subject 2 : 96  
Subject 3 : 95  
Subject 4 : 94  
Subject 5 : 82

-----Student Details-----

Student 1

Name : Rahul K

USN : 1BM19CS066

Semester : 3

CIE Marks :

Subject 1 : 50

Subject 2 : 4948

Subject 3 : 48

Subject 4 : 47

Subject 5 : 46

SEE marks :

Subject 1 : 99

Subject 2 : 98

Subject 3 : 97

Subject 4 : 96

Subject 5 : 95

Student 2

Name : DHRUV Dubey

USN : 1Bm19CS045

Semester : 3

CIE Marks :

Subject 1 : 44

Subject 2 : 45

Subject 3 : 46

Subject 4 : 47

Subject 5 : 48

SEE marks :

Name : Rahul K  
USN : 1BM19CS066  
Semester : 3  
CIE Marks :  
Subject 1 : 50  
Subject 2 : 4948  
Subject 3 : 48  
Subject 4 : 47  
Subject 5 : 46  
SEE marks :  
Subject 1 : 99  
Subject 2 : 98  
Subject 3 : 97  
Subject 4 : 96  
Subject 5 : 95  
Student 2

Name : DHRUV Dubey  
USN : 1Bm19CS045  
Semester : 3  
CIE Marks :  
Subject 1 : 44  
Subject 2 : 45  
Subject 3 : 46  
Subject 4 : 47  
Subject 5 : 48  
SEE marks :  
Subject 1 : 99  
Subject 2 : 96  
Subject 3 : 95  
Subject 4 : 94  
Subject 5 : 82

dhruvdubey@Dhruvs-MacBook-Air Lab6 %