Code:

```
package CIE;
import java.util.*;
public class Student
{
        public String name,USN;
        public int sem;
        Scanner in = new Scanner(System.in);
        public void input()
        {
                System.out.println("==========================================");
                System.out.println("Enter the name of the student");
                name = in.next();
                System.out.println("Enter the USN of the student");
                USN = in.next();
                System.out.println("Enter the semester of the student");
                sem = in.nextInt();
        }
}




package CIE;
import java.util.*;
public class Internals
{
        public int CIE[] = new int[5];
        Scanner in = new Scanner(System.in);
        public void inp()
        {
                int i;
                System.out.println("Enter the CIE marks of 5 subjects");
                for(i=0;i<5;i++)
                {
                        System.out.println("Enter marks of subject "+(i+1)+":");
                        CIE[i] = in.nextInt();

                }
        }
}




package SEE;

import java.util.*;
public class Externals
{
        public static int index=0;

        public double SEE[] = new double[5];
        Scanner in = new Scanner(System.in);
```

```java
        public void input()
        {
                int i;

                System.out.println("Enter the SEE Marks of all subjects in the same order");
                for(i=0;i<5;i++)
                {
                        System.out.println("Enter the SEE Marks of subject "+(i+1)+":");
                        SEE[i] = in.nextDouble();
                        SEE[i] = SEE[i]/2;
                }

        }
        public void display(String name1,String USN1)
        {
                System.out.println("Marks of Student with name: "+name1+" and
USN :"+USN1+":::===");
        }
        public void calc(int cie)
        {
                if(index==5)
                        index = 0;

                double total = cie + SEE[index];
                index++;

                System.out.println("Marks in Subject "+(index)+" : "+total);
        }
}




import CIE.*;
import SEE.*;
import java.util.*;
class StudentDriverMain
{
        public static void main(String args[])
        {
                Scanner in = new Scanner(System.in);
                int n,i;
                System.out.println("Enter the no of students");
                n = in.nextInt();
                CIE.Student stn[] = new CIE.Student[n];
                CIE.Internals ils[] = new CIE.Internals[n];
                SEE.Externals els[] = new SEE.Externals[n];
                for(i=0;i<n;i++)
                {
                        stn[i] = new CIE.Student();
                        ils[i] = new CIE.Internals();
                        els[i] = new SEE.Externals();
                        System.out.println("Enter the details of student "+(i+1)+":");
                        stn[i].input();
                        ils[i].inp();
                        els[i].input();
```

```java
            }
            System.out.println("==============================\nDETAILS OF ALL
STUDENTS\n==============================");
            for(i=0;i<n;i++)
            {
                    System.out.println("======Details of student "+(i+1)+":");
                    els[i].display(stn[i].name,stn[i].USN);
                    for(int j=0;j<5;j++)
                    {
                            els[i].calc(ils[i].CIE[j]);
                    }
            }
        }
}
```

OUTPUT:

```
Enter the no of students
2
Enter the details of student 1:
========================================
Enter the name of the student
KIRAN
Enter the USN of the student
1BM19CS073
Enter the semester of the student
1
Enter the CIE marks of 5 subjects
Enter marks of subject 1:
49
Enter marks of subject 2:
46
Enter marks of subject 3:
44
Enter marks of subject 4:
42
Enter marks of subject 5:
47
Enter the SEE Marks of all subjects in the same order
Enter the SEE Marks of subject 1:
86
Enter the SEE Marks of subject 2:
80
Enter the SEE Marks of subject 3:
83
Enter the SEE Marks of subject 4:
5
Enter the SEE Marks of subject 5:
76
```

```
Enter the details of student 2:
==========================================
Enter the name of the student
Kiran
Enter the USN of the student
1BM19CS073
Enter the semester of the student
2
Enter the CIE marks of 5 subjects
Enter marks of subject 1:
50
Enter marks of subject 2:
47
Enter marks of subject 3:
46
Enter marks of subject 4:
47
Enter marks of subject 5:
48
Enter the SEE Marks of all subjects in the same order
Enter the SEE Marks of subject 1:
84
Enter the SEE Marks of subject 2:
84
Enter the SEE Marks of subject 3:
84
Enter the SEE Marks of subject 4:
84
Enter the SEE Marks of subject 5:
84
==============================
DETAILS OF ALL STUDENTS
===============================
======Details of student 1:
Marks of Student with name: KIRAN and USN :1BM19CS073::::===
Marks in Subject 1 : 92.0
Marks in Subject 2 : 86.0
Marks in Subject 3 : 85.5
Marks in Subject 4 : 44.5
Marks in Subject 5 : 85.0
======Details of student 2:
Marks of Student with name: Kiran and USN :1BM19CS073::::===
Marks in Subject 1 : 92.0
Marks in Subject 2 : 89.0
Marks in Subject 3 : 88.0
Marks in Subject 4 : 89.0
Marks in Subject 5 : 90.0
```