```java
import CIE.*;
import SEE.*;
import java.util.Scanner;
public class Main {
    public static void main(String args[]) {
        int n;
        Scanner s=new Scanner(System.in);
        System.out.println("Enter the number of students:");
        n=s.nextInt();
        CIE.Student st[]=new CIE.Student[n];
        CIE.Internals in[]=new CIE.Internals[n];
        SEE.Externals e[]=new SEE.Externals[n];
        for(int i=0;i<n;i++) {
            st[i]=new CIE.Student();
            in[i]=new CIE.Internals();
            e[i]=new SEE.Externals();
            st[i].display();
            in[i].display();
            e[i].display();
            System.out.println("Total marks of student"+st[i].name+" in 5 subjects are:")
            for(int j=0;j<5;j++) {
                System.out.println(in[i].ciem[j]+(e[i].seem[j]/2));
            }
        }
    }
}
```

```java
public class Student {
    public String name;
    public String usn;
    public int sem;
    public void display() {
        Scanner s=new Scanner(System.in);
        System.out.println("Name:");
        name=s.next();
        System.out.println("USN:");
        usn=s.next();
        System.out.println("Semester:");
        sem=s.nextInt();
    }
}
```

```java
package CIE;
import java.util.Scanner;
public class Internals extends Student {
    public double ciem[];
    public void display()  {
        ciem=new double[5];
        Scanner t=new Scanner(System.in);
        System.out.println("CIE Marks for 5 subjects(out of 50):");
        for(int i=0;i<5;i++)
            ciem[i]=t.nextDouble();
    }
}
```

```java
package SEE;
import java.util.*;
import CIE.*;
public class Externals extends CIE.Student {
    public double seem[];
    public void display()  {
        seem=new double[5];
        Scanner s=new Scanner(System.in);
        System.out.println("SEE Marks for 5 subjects(out of 100):");
        for(int i=0;i<5;i++)
        seem[i]=s.nextDouble();
    }
}
```

```
Enter  the  number  of  students:
2
Name:
Alpha
USN:
100
Semester:
2
CIE Marks for 5 subjects(out of 50):
47
46
47
48
45
SEE Marks for 5 subjects(out of 100):
92
87
89
90
99
Total  marks  of  studentAlpha  in  5  subjects  are:
93.0
89.5
91.5
93.0
94.5
Name:
Beta
USN:
200
Semester:
3
CIE Marks for 5 subjects(out of 50):
35
34
44
32
37
SEE Marks for 5 subjects(out of 100):
87
6
79
100
99
Total  marks  of  studentBeta  in  5  subjects  are:
```

```
Name:
Beta
USN:
200
Semester:
3
CIE Marks for 5 subjects(out of 50):
35
34
44
32
37
SEE Marks for 5 subjects(out of 100):
87
6
79
100
99
Total  marks  of  studentBeta  in  5  subjects  are:
78.5
37.0
83.5
82.0
86.5
```