

```
1 package see;
2 import java.util.Scanner;
3 import CIE.*;
4
5 public class Externals extends CIE.Student
6 {
7     public double seem[];
8
9     public void display()
10    {
11        seem=new double[5];
12        Scanner ss=new Scanner(System.in);
13        System.out.println("SEE Marks for 5 subjects:");
14        for(int i=0;i<5;i++)
15            seem[i]=ss.nextDouble();
16    }
17 }
```



```
1 package CIE;
2 import java.util.Scanner;
3
4 public class Internals extends Student
5 {
6     public double ciem[];
7
8     public void display()
9     {
10         ciem=new double[5];
11         Scanner ss=new Scanner(System.in);
12         System.out.println("CIE Marks for 5 subjects(out of 50):");
13         for(int i=0;i<5;i++)
14             ciem[i]=ss.nextDouble();
15     }
16 }
```

I


```
1  import CIE.*;
2  import SEE.*;
3  import java.util.Scanner;
4  public class Main1
5  {
6      public static void main(String args[])
7      {
8          int n;
9          Scanner ss=new Scanner(System.in);
10         System.out.println("Enter the number of students:");
11         n=ss.nextInt();
12         CIE.Student st[]=new CIE.Student[n];
13         CIE.Internals it[]=new CIE.Internals[n];
14         SEE.Externals et[]=new SEE.Externals[n];
15         for(int i=0;i<n;i++)
16         {
17             st[i]=new CIE.Student();
18             it[i]=new CIE.Internals();
19             et[i]=new SEE.Externals();
20             st[i].display();
21             it[i].display();
22             et[i].display();
23             System.out.println("Total marks of student "+st[i].name+" in 5 subjects are:");
24             for(int j=0;j<5;j++)
25             {
26                 System.out.println(it[i].ciem[j]+(et[i].seem[j]/2));
27             }
28         }
29     }
30 }
31 }
```



```
package CIE;
import java.util.Scanner;

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