



```
CIE > Student.java > Student
1 package CIE;
2 public class Student {
3     public String usn;
4     public String name;
5     public int sem;
6     public Student(){}
7     public Student(String usn,String name,int sem)
8     {
9         this.usn=usn;
10        this.name=name;
11        this.sem=sem;
12    }
13 }
```

CIE > Internals.java > Internals

```
1 package CIE;
2 import java.util.Scanner;
3 public class Internals extends Student {
4     Scanner s=new Scanner(System.in);
5     public int[] cie=new int[5];
6     public void get()
7     {
8         for(int i=0;i<5;i++){
9             System.out.println("ENTER THE CIE MARK IN SUBJECT"+(i+1));
10            cie[i]=s.nextInt();
11        }
12    }
13 }
```

SEE > Externals.java > Externals

```
1 package SEE;
2 import java.util.Scanner;
3
4 public class Externals extends CIE.Student {
5     public Externals(String usn,String name,int sem)
6     {
7         super(usn,name,sem);
8     }
9     Scanner s = new Scanner(System.in);
10    public int[] see=new int[5];
11    public void get()
12    {
13        for(int i=0;i<5;i++){
14            System.out.println("ENTER THE SEE MARK IN SUBJECT"+(i+1));
15            see[i]=s.nextInt();
16        }
17    }
18 }
```

finalmarks.java > finalmarks

```
1  import CIE.*;
2  import SEE.*;
3  import java.util.Scanner;
4  class finalmarks {
5      Run | Debug
6      public static void main(String args[]) {
7          Scanner s=new Scanner(System.in);
8          System.out.println("ENTER THE NUMBER OF STUDENTS");
9          int n=s.nextInt();
10         SEE.Externals ob1[]=new SEE.Externals[n];
11         CIE.Internals ob[]=new CIE.Internals[n];
12         for(int i=0;i<n;i++)
13         {
14             System.out.println("ENTER THE USN,NAME AND SEMESTER OF STUDENT"+(i+1));
15             String u=s.next();
16             String na=s.next();
17             int se=s.nextInt();
18             ob1[i]=new SEE.Externals(u,na,se);
19             ob1[i].get();
20             ob[i]=new CIE.Internals();
21             ob[i].get();
22         }
23         for(int i=0;i<n;i++)
24         {
25             System.out.println("THE TOTAL MARKS OF STUDENT"+(i+1)+" ARE");
26             for(int j=0;j<5;j++)
27             {
28                 System.out.println("SUBJECT"+(j+1)+"="+ (ob[i].cie[j]+ob1[i].see[j]));
29             }
30         }
31     }
```