```java
import cie.*;
import see.*;
import java.util.Scanner;
class StudentMain {
    public static void main(String args[]){
        Scanner ss = new Scanner(System.in);
        System.out.println(" Enter the no of students : ");
        int n = ss.nextInt();
        int total[];
        int i, j;
        total = new int[5];
        cie.Internals in[] = new cie.Internals[n];
        see.External e[] = new see.External[n];
        for(i=0; i<n; i++){
            in[i] = new cie.Internals();
            e[i] = new see.External();
            System.out.println("Enter details of stu "+(i+1)+": ");
            in[i].get();
            System.out.println("Enter internals marks : ");
            in[i].getInternals();
            System.out.println("Enter externals marks : ");
            e[i].getExternals();
        }
        for(i=0; i<n; i++){
            System.out.println("Stu name : "+in[i].name);
            System.out.println(" Usn : "+in[i].usn);
            System.out.println(" Sem : "+in[i].sem);
            for(j=0; j<5; j++){
                total[j] = in[i].marks[j]+ (e[i].externalm[j])/2;
                System.out.println(" Total marks in Sub "+(j+1)+": "+total[j]);
            }
        }
    }
}
```

```java
package iie;
import java.util.Scanner;
public class Internals extends Student {
    public int marks[] = new int[5];
    Scanner in = new Scanner(System.in);
    public void getInternals() {
        for (int i=0; i<5; i++) {
            System.out.println("Enter your Subject "+(i+1)+" marks:");
            marks[i] = in.nextInt();
        }
    }
}
```

```java
Package see;
import cie.*;
import java.util.Scanner;
public class External extends cie.Student {
  public int externalm[] = new int[5];
    Scanner in = new Scanner(System.in);
    public void getExternals(){
    for (int i=0; i<5; i++){
    System.out.println("Enter your Sub "+(i+1)+ "marks.");
      externalm[i] = in.nextInt();
      }
    }
  }
}
```

```java
Package cie;
import java.util.Scanner.
Public class Student {

    Public String name, usn;
    Public int sem;
    Scanner in = new Scanner (System-in);
    public void get() {
        System.out.println("Enter name : ");
        name = in.nextLine();
        System.out.println("Enter Usn :");
        Usn = in.next();
        System.out.println(" Enter Semester : ");
        Sem = in.nextInt();
    }
}
```

```
Microsoft Windows [Version 10.0.19041.630]
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J:\Rajeshwari\Packages\Week9>javac StudentMain.java

J:\Rajeshwari\Packages\Week9>java  StudentMain
Enter the number of students:
2
Enter the details of student1:
Enter name :
abc
Enter Usn:
123
Enter Semester:
3
Enter internals marks:
Enter your subject 1 marks :
42
Enter your subject 2 marks :
41
Enter your subject 3 marks :
46
Enter your subject 4 marks :
47
Enter your subject 5 marks :
40
Enter externals marks:
Enter your subject 1 marks :
85
Enter your subject 2 marks :
87
Enter your subject 3 marks :
86
Enter your subject 4 marks :
84
Enter your subject 5 marks :
87
Enter the details of student2:
Enter name :
def
Enter Usn:
456
Enter Semester:
3
```

```
C:\Windows\System32\cmd.exe

Enter Semester:
3
Enter internals marks:
Enter your subject 1 marks :
45
Enter your subject 2 marks :
47
Enter your subject 3 marks :
43
Enter your subject 4 marks :
41
Enter your subject 5 marks :
42
Enter externals marks:
Enter your subject 1 marks :
86
Enter your subject 2 marks :
84
Enter your subject 3 marks :
87
Enter your subject 4 marks :
76
Enter your subject 5 marks :
82
Student name:abc
Usn:123
Sem:3
Total marks in subject 1:84
Total marks in subject 2:84
Total marks in subject 3:89
Total marks in subject 4:89
Total marks in subject 5:83
Student name:def
Usn:456
Sem:3
Total marks in subject 1:88
Total marks in subject 2:89
Total marks in subject 3:86
Total marks in subject 4:79
Total marks in subject 5:83

J:\Rajeshwari\Packages\Week9>
```