

internals.java X student.java externals.java total.java

C: > Users > Ajith > Desktop > java program > today > CIE > internals.java

```
1  package CIE;
2
3  import java.util.*;
4
5  public class internals extends student
6  {
7
8      public int a[];
9      public void input()
10     {
11         Scanner sc=new Scanner(System.in);
12         System.out.println("enter cie marks(5 subjects) out of 50");
13         a=new int[5];
14         for(int i=0;i<5;i++)
15             a[i]=sc.nextInt();
16     }
17
18
19 }
20
```

internals.java student.java X externals.java total.java

C: > Users > Ajith > Desktop > java program > today > CIE > student.java

```
1  package CIE;
2  import java.util.*;
3  public class student
4  {
5      public String usn,name;
6      public int sem;
7
8      public void inputd()
9      {
10         Scanner sc=new Scanner(System.in);
11         System.out.println("enter usn,name,sem");
12         usn=sc.next();
13         name=sc.next();
14         sem=sc.nextInt();
15     }
16
17     public void display()
18     {
19
20         System.out.println("usn="+usn+" name="+name+" sem="+sem);
21     }
22 }
23
24
25
```


internals.java student.java **externals.java** × total.javaC:\Users> Ajith > Desktop > java program > today > SEE > **externals.java**

```
1  package SEE;
2  import CIE.*;
3  import java.util.*;
4
5  public class externals extends CIE.student
6  {
7      public int a[];
8      public void input()
9      {
10         Scanner sc=new Scanner(System.in);
11         System.out.println("enter see marks(5 subjects) out of 100");
12         a=new int[5];
13         for(int i=0;i<5;i++)
14             a[i]=sc.nextInt();
15     }
16 }
17
18
```

internals.java student.java externals.java total.java X

C: > Users > Ajith > Desktop > java program > today > total.java

```
1  import CIE.*;
2  import SEE.*;
3  import java.util.*;
4
5  class total
6  {
7      public static void main(String[] args)
8      {
9
10
11
12         Scanner sc=new Scanner(System.in);
13         System.out.println("enter number of students ");
14         int n=sc.nextInt();
15         CIE.internals in[]=new CIE.internals[n];
16         SEE.externals ex[]=new SEE.externals[n];
17         int total;
18         for(int j=0;j<n;j++)
19         {
20             System.out.println("enter" +(j+1) + "student details:");
21             in[j]=new CIE.internals();
22             ex[j]=new SEE.externals();
23             in[j].inputd();
24
25             in[j].input();
26             ex[j].input();
27         }
28
29         System.out.println(" ");
30         for(int j=0;j<n;j++)
31         {
32             in[j].display();
33             System.out.println("\nstudent " +(j+1) + " total marks:");
34
35             for(int k=0;k<5;k++)
36                 System.out.println(in[j].a[k]+(ex[j].a[k]/2));
37
38         }
```


internals.java student.java externals.java total.java X

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```
10
11
12 Scanner sc=new Scanner(System.in);
13 System.out.println("enter number of students ");
14 int n=sc.nextInt();
15 CIE.internals in[]=new CIE.internals[n];
16 SEE.externals ex[]=new SEE.externals[n];
17 int total;
18 for(int j=0;j<n;j++)
19 {
20     System.out.println("enter"+(j+1)+"student details:");
21     in[j]=new CIE.internals();
22     ex[j]=new SEE.externals();
23     in[j].inputd();
24
25     in[j].input();
26     ex[j].input();
27 }
28
29 System.out.println(" ");
30 for(int j=0;j<n;j++)
31 {
32     in[j].display();
33     System.out.println("\nstudent "+(j+1)+" total marks:");
34
35     for(int k=0;k<5;k++)
36     System.out.println(in[j].a[k]+(ex[j].a[k]/2));
37 }
38
39
40
41 }
42 }
43
44
```