

ew Go Run Terminal Help

Student.java - bin - Visual Studio Co

... Student.java X

Internals.java

Externals.java

finalmarks.java

CIE > Student.java > Student > Student(String, String, int)

```
1
2 package CIE;
3 public class Student {
4     public String usn;
5     public String name;
6     public int sem;
7     public Student(){}
8     public Student(String usn,String name,int sem)
9     {
10         this.usn=usn;
11         this.name=name;
12         this.sem=sem;
13     }
14 }
15
```

```
Go Run Terminal Help Internals.java - bin - Visual Studio Code
Student.java Internals.java X Externals.java finalmarks.java
CIE > Internals.java > ...
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(OUT OF 50)" +(i+1));
10            cie[i]=s.nextInt();
11        }
12    }
13 }
14
15
```

```
SEE > Externals.java > Externals > s
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(OUT OF 100)+"+(i+1));
15                see[i]=s.nextInt();
16            }
17        }
18    }
19
20
21
22
```



Student.java Internals.java Externals.java finalmarks.java X

finalmarks.java > finalmarks > main(String[])

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

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finalmarks.java 3

```
Student.java Internals.java Externals.java finalmarks.java X
finalmarks.java > finalmarks > main(String[])
    ob1[i].get();
20 }
21 }
22 for(int i=0;i<n;i++)
23 {
24     System.out.println("NAME:"+ob1[i].name+" USN:"+ob1[i].usn+" SEMESTER:"+ob1[i].sem);
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]/2));
29     }
30 }
31 }
32 }
```

Usage: javac <options> <source files>  
use -help for a list of possible options

c:\JAVA\bin>javac CIE/Internals.java

c:\JAVA\bin>javac CIE/Student.java

c:\JAVA\bin>javac SEE/Externals.java

c:\JAVA\bin>javac finalmarks.java

c:\JAVA\bin>java finalmarks

ENTER THE NUMBER OF STUDENTS

2

ENTER THE USN,NAME AND SEMESTER OF STUDENT1

123

nithin

2

ENTER THE CIE MARK IN SUBJECT(OUT OF 50)1

34

ENTER THE CIE MARK IN SUBJECT(OUT OF 50)2

23

ENTER THE CIE MARK IN SUBJECT(OUT OF 50)3

34

ENTER THE CIE MARK IN SUBJECT(OUT OF 50)4

23

ENTER THE CIE MARK IN SUBJECT(OUT OF 50)5

34

ENTER THE SEE MARK IN SUBJECT(OUT OF 100)1

98



98  
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)4  
78  
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)5  
78  
ENTER THE USN,NAME AND SEMESTER OF STUDENT2  
1234  
gd  
4  
ENTER THE CIE MARK IN SUBJECT(OUT OF 50)1  
45  
ENTER THE CIE MARK IN SUBJECT(OUT OF 50)2  
45  
ENTER THE CIE MARK IN SUBJECT(OUT OF 50)3  
45  
ENTER THE CIE MARK IN SUBJECT(OUT OF 50)4  
45  
ENTER THE CIE MARK IN SUBJECT(OUT OF 50)5  
45  
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)1  
89  
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)2  
78  
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)3  
98  
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)4  
78  
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)5  
78  
NAME:nithinUSN:123SEMESTER:2

```
98
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)4
78
ENTER THE SEE MARK IN SUBJECT(OUT OF 100)5
78
NAME:nithinUSN:123SEMESTER:2
THE TOTAL MARKS OF STUDENT1 ARE
SUBJECT1=83
SUBJECT2=62
SUBJECT3=83
SUBJECT4=62
SUBJECT5=73
NAME:gdUSN:1234SEMESTER:4
THE TOTAL MARKS OF STUDENT2 ARE
SUBJECT1=89
SUBJECT2=84
SUBJECT3=94
SUBJECT4=84
SUBJECT5=84

c:\JAVA\bin>
```