

```
1 package CIE;
2
3
4 public class Student {
5     String usn;
6     String name;
7     String sem;
8
9     public Student(String usn, String name, String sem) {
10         this.usn = usn;
11         this.name = name;
12         this.sem = sem;
13     }
14 }
15
16
```



```
1 package CIE;
2
3
4 public class Internals {
5     double [] marks_cie = new double[5];
6
7     public Internals(double[] marks_cie) {
8         this.marks_cie = marks_cie;
9     }
10
11     public double[] getMarks_cie() {
12         return marks_cie;
13     }
14 }
```

```
1 package SEE;
2
3 import CIE.Student;
4
5 public class Externals extends Student {
6     double [] see_marks = new double[5];
7
8     public Externals(String usn, String name, String sem, double[] see_marks) {
9         super(usn, name, sem);
10        this.see_marks = see_marks;
11    }
12
13    public double[] getSee_marks() {
14        return see_marks;
15    }
16 }
```

java source file

length: 361 lines: 16

Search




```

import CIE.*;
import SEE.*;

import java.util.Scanner;

public class dhruva {

    public static void main(String[] args) {
        Scanner s = new Scanner(System.in);
        System.out.println("Enter the number of students:");
        int n = s.nextInt();
        Externals [] e = new Externals[n];
        Internals [] i = new Internals[n];

        for(int k=0;k<n;k++)
        {
            System.out.println("Enter the details of Student "+(k+1)+":");
            System.out.print("Enter usn:");
            String usn = s.next();
            System.out.print("Enter name:");
            String name = s.next();
            System.out.println("Enter sem:");
            String sem = s.next();
            System.out.println();
            System.out.println("Enter cie marks of each subject:");
            double [] cie_marks = new double[5];
            for(int j=1;j<=5;j++)
            {
                System.out.print("Subject "+(j)+":");
                cie_marks[j-1] = s.nextDouble();
            }
            System.out.println();
            System.out.println("Enter see marks of each subject:");
            double [] see_marks = new double[5];
            for(int j=1;j<=5;j++)
            {
                System.out.print("Subject "+(j)+":");
                see_marks[j-1] = s.nextDouble();
            }
        }
    }
}

```

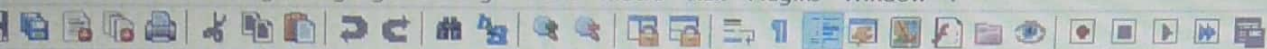
file

length : 1,971

Search

s\Deepu K\java\package1\dhruva.java - Notepad++

Search View Encoding Language Settings Tools Macro Run Plugins Window ?



log x cricket.java x prog7.java x daya.java x main.java x Student.java x External's.java x dhruva.java x Internals.java x

```
String name = s.next();
System.out.println("Enter sem:");
String sem = s.next();
System.out.println();
System.out.println("Enter cie marks of each subject:");
double [] cie_marks = new double[5];
for(int j=1;j<=5;j++)
{
    System.out.print("Subject "+(j)+":");
    cie_marks[j-1] = s.nextDouble();
}
System.out.println();
System.out.println("Enter see marks of each subject:");
double [] see_marks = new double[5];
for(int j=1;j<=5;j++)
{
    System.out.print("Subject "+(j)+":");
    see_marks[j-1] = s.nextDouble();
}
System.out.println("-----");
e[k] = new Externals(usn,name,sem,see_marks);
i[k] = new Internals(cie_marks);
}
for(int k=0;k<n;k++)
{
    System.out.println("The final marks of Student "+(k+1)+" in each subject:");
    for(int j=1;j<=5;j++)
    {
        System.out.println("Subject " + (k + 1) + ":" + (e[k].getSee_marks()[j-1]/2.0 + i[k].getMarks_cie()[j-1]));
    }
    System.out.println();
}
}
```

file

length: 1,971 lines: 58

Ln: 6 Col: 20 Pos: 81

Search



Enter the details of Student 1:

Enter usn:12333

Enter name:rere

Enter sem:

3

Enter cie marks of each subject:

Subject 1:35

Subject 2:32

Subject 3:34

Subject 4:36

Subject 5:34

Enter see marks of each subject:

Subject 1:34

Subject 2:76

Subject 3:75

Subject 4:76

Subject 5:76

Enter the details of Student 2:

Enter usn:23466

Enter name:trytu

Enter sem:

3

Enter cie marks of each subject:

Subject 1:34

Subject 2:35

Subject 3:34

Subject 4:34

Subject 5:34

Enter see marks of each subject:

Subject 1:76

Subject 2:78

Subject 3:77

Subject 4:79

Subject 5:80

The final marks of Student 1 in each subject:

Subject 1:52.0

Subject 1:70.0

Subject 1:71.5

Subject 1:74.0

Command Prompt

Enter see marks of each subject:

Subject 1:34

Subject 2:76

Subject 3:75

Subject 4:76

Subject 5:76

Enter the details of Student 2:

Enter usn:23466

Enter name:trytu

Enter sem:

3

Enter cie marks of each subject:

Subject 1:34

Subject 2:35

Subject 3:34

Subject 4:34

Subject 5:34

Enter see marks of each subject:

Subject 1:76

Subject 2:78

Subject 3:77

Subject 4:79

Subject 5:80

The final marks of Student 1 in each subject:

Subject 1:52.0

Subject 1:70.0

Subject 1:71.5

Subject 1:74.0

Subject 1:72.0

The final marks of Student 2 in each subject:

Subject 2:72.0

Subject 2:74.0

Subject 2:72.5

Subject 2:73.5

Subject 2:74.0

C:\Users\Deepu K\java\package1>