Student.java ×

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```java
package cie;
import java.util.Scanner;
public class Student
{
    String name;
    String usn;
    int sem;
    public Student()
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the name of student::");
        name=sc.next();
        System.out.println("Enter the usn of student::");
        usn=sc.next();
        System.out.println("Enter the sem of student::");
        sem=sc.nextInt();
    }

}
```

Internals.java ×

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```java
package cie;
import java.util.Scanner;
public class Internals extends Student
{
    public double ciem[]=new double[5];
    public Internals()
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Cie marks::");
        for(int i=0;i<5;i++)
        {
            System.out.println("Enter the subject "+(i+1)+" marks::");
            ciem[i]=sc.nextDouble();
        }
    }
}
```

```java
package see;
import java.util.Scanner;
public class Externals
{
    public double seem[]=new double[5];
    public Externals()
    {
        Scanner sc=new Scanner(System.in);
        for(int i=0;i<5;i++)
        {
            System.out.println("Enter the subject "+(i+1)+" see marks::");
            seem[i]=sc.nextDouble();
        }
    }

}
```

```java
 1    import cie.*;
 2    import see.*;
 3    import java.util.Scanner;
 4    public class TotalMarks
 5    {
 6        public static void main(String args[])
 7        {
 8            Scanner sc=new Scanner(System.in);
 9            System.out.println("Enter the number of students::");
10            int n=sc.nextInt();
11            cie.Internals ci[]=new cie.Internals[n];
12            see.Externals se[]=new see.Externals[n];
13            for(int i=0;i<n;i++)
14            {
15                System.out.println("Student "+(i+1)+" details::");
16                ci[i]=new cie.Internals();
17                se[i]=new see.Externals();
18                System.out.println("The total marks of student "+(i+1)+" in all 5 subjects::");
19
20                for(int j=0;j<5;j++)
21                {
22                    System.out.println("Total marks in subject "+(j+1)+" ::"+(ci[i].ciem[j]+se[i].seem[j]));
23
24                }
25            }
26
27
28        }
29
30    }
31
```

```
[Ishas-MacBook-Air:~ isha$ cd Desktop/lab6
[Ishas-MacBook-Air:lab6 isha$ javac TotalMarks.java
[Ishas-MacBook-Air:lab6 isha$ java TotalMarks
Enter the number of students::
2
Student 1 details::
Enter the name of student::
isha
Enter the usn of student::

1bm
Enter the sem of student::
3
Cie marks::
Enter the subject 1 marks::
45
Enter the subject 2 marks::
45
Enter the subject 3 marks::
45
Enter the subject 4 marks::
45
Enter the subject 5 marks::
45
```

```
Enter the subject 1 see marks::
45
Enter the subject 2 see marks::
45
Enter the subject 3 see marks::
45
Enter the subject 4 see marks::
45
Enter the subject 5 see marks::
45
The total marks of student 1 in all 5 subjects::
Total marks in subject 1 ::90.0
Total marks in subject 2 ::90.0
Total marks in subject 3 ::90.0
Total marks in subject 4 ::90.0
Total marks in subject 5 ::90.0
Student 2 details::
Enter the name of student::
aditi
Enter the usn of student::
1cn
Enter the sem of student::
3
Cie marks::
```

```
Cie marks::
Enter the subject 1 marks::
34
Enter the subject 2 marks::
34
Enter the subject 3 marks::
34
Enter the subject 4 marks::
34
Enter the subject 5 marks::
34
Enter the subject 1 see marks::
34
Enter the subject 2 see marks::
34
Enter the subject 3 see marks::
34
Enter the subject 4 see marks::
34
Enter the subject 5 see marks::
34
The total marks of student 2 in all 5 subjects::
Total marks in subject 1 ::68.0
Total marks in subject 2 ::68.0
```

```
34
Enter the subject 3 marks::
34
Enter the subject 4 marks::
34
Enter the subject 5 marks::
34
Enter the subject 1 see marks::
34
Enter the subject 2 see marks::
34
Enter the subject 3 see marks::
34
Enter the subject 4 see marks::
34
Enter the subject 5 see marks::
34
The total marks of student 2 in all 5 subjects::
Total marks in subject 1 ::68.0
Total marks in subject 2 ::68.0
Total marks in subject 3 ::68.0
Total marks in subject 4 ::68.0
Total marks in subject 5 ::68.0
Ishas-MacBook-Air:lab6 isha$
```