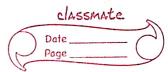
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```
import CIE.internals;
import SEE.externals;
import java.util.Scanner;
public class test{
    public static void main(String [] args){
        Scanner sc = new Scanner(System.in);
        int cmarks [] = new int[5];
        int smarks [] = new int[5];
        System.out.println("enter the num of students");
        int n = sc.nextInt();
for(int k=0;k<n;k++){
        System.out.println("enter the name of the student");
        String name = sc.next();
        System.out.println("enter the usn of the student");
        int usn = sc.nextInt();
        System.out.println("enter the sem of the student");
        int sem = sc.nextInt();
        System.out.println(" enter the cie marks of 5 subjects");
        for(int i=0;i<5;i++){
            cmarks[i] = sc.nextInt();
        System.out.println(" enter the see marks of 5 subjects");
        for(int i=0;i<5;i++){
            smarks[i] = sc.nextInt();
        }
        internals o1 = new internals(name,usn,sem,cmarks);
        externals o2 = new externals(name,usn,sem,smarks);
        for(int i=1;i<=5;i++){
```

```
for(int i=1;i<=5;i++){
        System.out.println("the total marks of student in sub" + i);

        System.out.println(o1.marks[i-1] + o2.smarks[i-1]);

}}
}</pre>
```

```
package CIE;

public class internals extends Student {
    public int marks [] = new int [5];

    public internals(String name,int usn,int sem,int [] marks){
        super(name,usn,sem);
        this.marks= marks;
    }
}
```

```
package SEE;
import CIE.Student;
public class externals extends Student{
   public int smarks [] = new int[5];
   public externals(String name,int usn,int sem,int [] marks){
        super(name,usn,sem);
        this.smarks= marks;
   }
}
```

```
package CIE;

public class Student{

    String name;
    int usn;
    int sem;

public Student(String name,int usn,int sem){
        this.name= name;
        this.usn = usn;
        this.sem = sem;
    }
}
```

```
C:\Users\shett\OneDrive\Documents\javaclasslab>javac test.java
C:\Users\shett\OneDrive\Documents\javaclasslab>java test
enter the num of students
enter the name of the student
virat
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234
enter the sem of the student
enter the cie marks of 5 subjects
45
50
45
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47
enter the see marks of 5 subjects
45
46
47
48
43
the total marks of student in sub1
90
the total marks of student in sub2
96
the total marks of student in sub3
92
the total marks of student in sub4
94
the total marks of student in sub5
90
```

C:\Users\shett\OneDrive\Documents\javaclasslab>