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package CIE;
import java.util.Scanner;
public class Student {
    public String name;
    public String USN;
    public int sem;
    public void Display() {
        Scanner sc = new Scanner(System.in);
        System.out.println("Name:");
        name = sc.next();
        System.out.println("USN:");
        USN = sc.next();
        System.out.println("sem:");
        sem = sc.next();
    }
}

```

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package CIE;
import java.util.Scanner;
public class Internals extends Student {
    public double cic [];
    public void Display() {
        cic = new double[5];
        Scanner sc = new Scanner(System.in);
        for(int i=0; i<5; i++) {
            System.out.println("CIE marks (out of 50) for subject " + (i+1) + ":");
            cic[i] = sc.nextDouble();
        }
    }
}

```

```

package SEE;
import java.util.Scanner;
import CIE.*;
public class External extends CIE.Student {
    public double sce[];
    public void Display() {
        sce = new double[5];
        Scanner sc = new Scanner(System.in);
        for (int i=0; i<5; i++) {
            System.out.println("SEE marks (out of 100)");
            for subject + (i+1) + " : ";
            sce[i] = sc.nextDouble();
        }
    }
}

```

```

import CIE.*;
import SEE.*;
import java.util.*;
public class Finalmarks {
    public static void main (String args[]) {
        int n;
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the no. of students");
        n = sc.nextInt();
        CIE.Student S[] = new CIE.Student[n];
        CIE.Internals I[] = new CIE.Internals[n];
        SEE.Externals E[] = new SEE.Externals[n];
        for (int i=0; i<n; i++) {
            S[i] = new CIE.Student();

```

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I[i] = new CIE.Internals();
E[i] = new SEE.Externals();
S[i].Display();
I[i].Display();
E[i].Display();

```

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System.out.println("Total marks of student"
+ S[i].name + " in 5 subjects are:");
for (int j=0; j<5; j++) {
    System.out.print((I[i].cie[j]) +
(E[i].see[j]/2));
}
}
}

```