

```

package CIE;
import java.util.*;
public class Student {
    public String usn;
    public String name;
    public int sem;
    Scanner sc = new Scanner(System.in);
    public void getData() {
        System.out.println("Enter Your USN");
        usn = sc.next();
        System.out.println("Enter Your Name");
        name = sc.next();
        System.out.println("Enter the Semester :");
        sem = sc.nextInt();
    }
}

```

```

Package CIE;
import java.util.*;
public class Internals extends Student {
    public int[] marksCIE = new int[5];
    Scanner sc = new Scanner(System.in);
    public void getCIE() {
        super.getData();
        System.out.println("Enter marks in Internal :");
        for (int i=0; i<5; i++)
            marksCIE[i] = sc.nextInt();
    }
}

```

```

Package SFF;
import java.util.*;
import CIE.*;

public class scores { public int[] marksee = new int[5];
    Scanner sc = new Scanner (System.in);
    public void getsee () {
        System.out.println ("Enter marks in Internals :");
        for (int i=0; i<5; i++)
            marksee[i] = sc.nextInt();
    }
}

```

```

import CIE.*;
import java.util.*;
import SFF.*;

class demo {
    public class static void main (String[] args)
    {
        int n;
        Scanner sc = new Scanner (System.in);
        System.out.println ("Enter number of students :");
        n = sc.nextInt();
        student[] stud = new student[n];
        Internals[] im = new Internals[n];
        int total[][] = new int[n][5];
        scores[] scr = new scores[n]; int temp=0;
        for (int i=0 < i<n; i++) {
            im[i] = new Internals();
            scr[i] = new scores();
        }
    }
}

```



```
for (int j=0; j<n; j++)
```

```
{
    im[j].getie();
```

```
    scr[j].getsee();
```

```
    for (int i=0; i<5; i++) {
```

```
        total[j][i] = im[j].marksIE[i] + scr[j].marksee[i];
```

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        System.out.println("Marks in subject "+(i+1)+" by "+
            im[j].name + " is " + total[j][i]);
    }
```

```
    for (int i=0; i<5; i++)
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```
        temp = temp + total[j][i];
```

```
    System.out.println("Total marks by " + im[j].name +
        " " + temp);
```

```
    temp = 0;
```

```
}
```

```
}
```