```java
package CB;
import java.util.Scanner;
class Student {
public String USN, name;
public int sem
Scanner sc = new Scanner (System.in);
public void setStudDetls () {
System.out.println (" Enter USN of Student:");
this.USN = sc.next();
System.out.println (" Enter name of Student :");
this.name = sc.next();
System.out.println (" Enter semester of Student :");
this.sem = sc.nextInt();
}

public void getStudDetails () {
System.out.println (" USN:"+ this.USN);
System.out.println (" Name:" + this.name);
System.out.println (" Semester:"+ this.sem);
}
}

public class internals extends Student {
Scanner sc = new Scanner (System.in);
public double cieMarks[] = new Double[5];
public void set cie Details () {
for (int i=0; i<5; i++) {
System.out.println (" Enter cie marks (50) in
course" + (i+1) + ":");
cieMarks[i] = sc.nextDouble();
```

```
3
3
3.
```

=>
```
Package SEE;
import CIE.*;
import java.util.Scanner;
public class externals extends CIE.internals {
    Scanner u = new Scanner(System.in);
    public double see Marks[] = new double[5];
    public void set SEEdetails() {
        for (int i=0; i<5; i++) {
            System.out.println("Enter SEE Marks (100) in course :
            " + (i+1)+ " : ");
            SEE Marks[i] = u.next Double()/2;
        }
    }
}
```

```
3
3
3.
```

=> **Main class :-**

```
import CIE.*;
import SEE.*;
import java.util.Scanner;
class Test {
    public static void main(String args[]) {
        int n=0, j=0, h=0, i=0;
        double total Marks[] = new Double[5];
        Scanner se = new Scanner(System.in);
        System.out.println("Enter the number of students");
```

```java
n = sc.nextInt();
cIE. internals ciE ] = new cif internals [n ];
SEE. externals SeE ] = new SEE externals [ n ];
    for (int i=0; i<n; i++) {
    ci[i ] = new internals ();
    se[i ] = new externals ();
    ci[i ]. set stu Details ();
    ci[i ]. set ac Details ();
    se[i ]. set sec Details ();
    }
    for (k=0; k<n; k++) {
        ci[k. get stu Details ();
    }
    for (k=0; k<n; k++) {
        for ( j=0 ; j<5 ; j++ ) {
        total Marks [j ] = ci[k].ie Marks [j ]+ se[k].
                            sec Marks [j ];
        System. out. println (" final Marks of student " + (k+1)+
    " in course" + (j+1)+ "is "+ total Marks[j ]);
        }
    }
}
```