```
Package CSE;

import java.util.Scanner;

class student
{
        string usn, name;
        int sem;


        student ()
        {
            this.usn = usn;
            this.name = name;
            this.sem = sem;
        }


    void get-details ()
    {
        Scanner S1 = new Scanner (system.in);
        SOP ("Enter USN : ");
        usn = S1.nextLine();
        SOP = ("Enter name ");
        name = S1.nextLine ();
        SOP ("Enter sem :");
        sem = S1.nextInt ();
    }
}

class Internals extends student
{
                        int
        int [] marks; n = 5;
        # super()
        Internals (string usn, string name)
        { super( usn, name);
            this.marks = new marks;
        }
```

```java
void get_marks()
{
    Scanner s2 = new Scanner (System.in)
    for(int i=0; i<=n; i++).
    {
        SOP ("Enter marks of subject "+ i++ )
        marks[i] = s2.nextInt ();
    }
}
}


package UE;

import java.util. Scanner;
public class Internals extends student
{protected int[] marks;
  int n=5;

public Internals( String usn, String name,
          int sem)
{ super (usn, name, sem);
    this. marks = new int [n];
}

public void get_ue_marks()
{
    Scanner s2 = new Scanner (System.in);
    for (int i =0; i<n; i++)
    {
        SOP ("Enter marks of subj " );
        marks [i] = s2. nextInt();
    }
}
}
```

```java
package SEE;

import CIE.Internals;
import Java.util.scanner;

BS public class Externals extends Intere
{
        protected int marks[] = new int[
        protected int final_marks[] = new
                                             int[

        public externals()
        {
                ex marks = new int[5];
                final_marks = new int[5];
        }

        public void input SEE marks()
        {
                scanner s = new scanner(system.in)
                SOP("ext marks");
                for(int i=0; i<5; i++
                {
                        SOP("course" + (i+1) + ":");
                        marks[i] = s.nextInt();
                }
        }
```

```java
import SEE. extends
import java. util .Scanner;
public class Main
{
    PSVM
    {
        Scanner sc = new Scanner (System.in)
        SOP ("No of students")
        int n = sc.nextInt();

        externals externals = new externals
                            ("1BM23 CS034, 'Abc')
        externals.get CIE-marks();
        externals.get_SEE_marks();
        externals.calcfinal_marks();
        externals.display_final_marks();
    }

}
```

o/p:

No of students : 1
enter USN : 1BM23CS034
enter name : Ananya
enter sem : 3
enter marks of subj 1 : 40
                    40
                    40
                    40
                    40
enter marks of subj 1 in SEE : 40
                    40
                    40
                    40
                    40

final marks : 400