

```
package c1e1 ;  
  
import java.util.Scanner  
  
public class Student  
{  
    String name ;  
    String USN ;  
    int Sem ;  
  
    public Student()  
    {  
        Scanner in = new Scanner(System.in)  
        System.out.println("Enter name of student") ;  
        name = in.nextLine() ;  
        System.out.println("Enter USN of student") ;  
        USN = in.nextLine() ;  
        System.out.println("Enter semester of student") ;  
        Sem = in.nextInt() ;  
    }  
}
```



```

package c1;
import java.util.Scanner;

public class Internal extends Student
{
    public double cim[] = new double[3];
    public Internal()
    {
        Scanner in = new Scanner(System.in);
        System.out.println("Enter CIE marks");
        for(int i=0; i<3; i++)
    }
}

```

```

    {
        System.out.println("Enter the cie marks for subject "+ (i+1));
        cim[i] = in.nextDouble();
    }
}

```

```

package sec1;
import java.util.Scanner;

```

```

{
    public double secm[] = new double[3];
    public External()

```

```

{
    Scanner in = new Scanner(System.in);
    System.out.println("Enter SEC marks");
    for(int i=0; i<3; i++)

```

```

{
    System.out.println("Enter the sec marks for subject "+ (i+1));
    secm[i] = in.nextDouble();
}
}

```

```

Driver class :
import cec1.* ;
import sec1.* ;
import java.util.Scanner ;
public class TotalMarks

```

```

{
    public static void main (String args[])
    {

```

```

        int n;
        Scanner in = new Scanner (System.in);
        System.out.println ("Enter number of students ");
        n = in.nextInt();

```

```

        cec1. Internals c[] = new cec1. Internals[n];
        sec1. Externals s[] = new sec1. Externals[n];
        for (int i=0; i<n; i++)

```

```

        {
            System.out.println ("Details of student "+(i+1));

```

```

            c[i] = new cec1. Internals();
            s[i] = new sec1. Externals();

```

```

            System.out.println ("Total marks in all 3 subjects of student "+(i+1));
            for (int j=0; j<3; j++)

```

```

            {
                System.out.println ("Total marks in subject "+(i+1)+" : "+ (c[i].ciem[j]
                    + s[i].seem[j]));
            }
        }
    }
}

```