

```
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 Internals extends Student
{
    public double cim[] = new double[3];
    public Internals()
    {
        Scanner in = new Scanner(System.in);
        System.out.println("Enter CIE marks");
        for(int i=0; i<5; i++)
        {
            System.out.println("Enter the cie marks for subject" + (i+1));
            cim[i] = in.nextDouble();
        }
    }
}

```

```

package sec1;
import java.util.Scanner;
{
    public double seem[] = new double[3];
    public Internals()
    {
        Scanner in = new Scanner(System.in);
        System.out.println("Enter SEC marks");
        for(int i=0; i<5; i++)
        {
            System.out.println("Enter the sec marks for subject" + (i+1));
            seem[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].citem[j]
+ s[i].seem[j]));

```

```

}

```

```

}

```

```

}
}

```