Student CLASS!!

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```
Package cie;
import java.util.*;

Public class student
{
    public string usn;
    public string name;
    public int sem;
    public void StudentDetails()
    {
        scanner s=new scanner(System.in);
        System.out.println("Enter usn of student:");
        usn = s.next();
        system.out.println("Enter name of student:");
        name=s.next();
        system.out.println("Enter semester of student:");
        sem=s.nextInt();
    }
}
```

Internal class!!

```
Package cie;
import java.util.*;
Public class Intervals
{
    public int i;
    public int internal marks[];
    public void internal()
    {
        scanner s=new scanner(System.in);
        internal marks = new int[5];
        System.out.println("Enter marks of obtained by student in
                            internals in 5 subjects");
```

```java
for (i=0; i<s; i++)
{
    system.out.println("Enter Internal
                        x           marks of student in subject
                                                    "
                                                    +(i+1)+".");

        internal marks[i]=s.nextInt();
    }
}
```

Externals class!!

```java
Package see;
import cie.*;
import Java.util.*;
Public class Externals extends cie-student
{
    public int i;
    Public int externals()
    {
        Scanner s= new scanner (system.in);
        external= new int[s];
        System.out.println("Enter marks of obtained by students in
                                        externals in 5 subjects");
        for (i=0; i<5; i++)
        {
            system.out.println("Enter External marks of student in subjects
                                                    "+(i+1)+".");
            external[i]= s.nextInt();
        }
    }
}
```

```
Driver class!!

import cie.*;
import see.*;
import java.util.*;

class FinalMarks
{
    public static voidmain (string [] args)
    {
        int total[];
        Scanner S=new Scanner (system.in);
        total = new int[5];
        system.out.println("Enter the number of students:" );
        int n=S.nextInt();
        cie.student s[]=new.cie.student[n];
        cie.Internals c[]= new cie.Internals [n];
        see.Externals e[]= new see.Externals[n];
        system.out.println("Enter Details of students");
        for (int i=0; i<n; i++)
        {
            s[i]
            c[i]
            e[i]
            s[i]
            c[i]
            e[i]
        }
        For (int i=0; i<n; i++)
        {
            for(int j=0; j<5; j++)
            {
                total[j]=c[i].Internalmarks[j]+ e[i].externals[j]/2;
            }
            system.out.println("Totalmarks of student"+(i+1)+" in each
                                                                subject are:");
            For (int j=0; j<5; j++)
            system.out.println(" Total marks in subject "+(j+1)+" For student
                                                    "+(i+1)"is" total
                                                                    [j]);
```