

//Package Program

```
* package CIE;
import java.util.Scanner;
public class Internals
{
    public double CieMarks[];
    public double Ciesum=0.0;
    int i;

    public void Iaccept()
    {
        Scanner I= new Scanner(System.in);
        CieMarks= new double[5];
        System.out.println("Enter the cie marks of
        5 courses out of 50");
        for(i=0; i<5; i++)
        {
            System.out.println("Enter cie marks["+ (i+1) +"]");
            CieMarks[i]=I.nextDouble();
        }
    }
}
```

```
* package CIE;
import java.util.Scanner;
public class Student
{
```

```
public String usn;  
public String name;  
public int sem;
```

```
public void accept() {  
    Scanner A = new Scanner(System.in);  
    System.out.println("Enter usn");  
    usn = A.next();  
    System.out.println("Enter name");  
    name = A.next();  
    System.out.println("Enter sem");  
    sem = A.nextInt();  
}
```

```
public void display()  
{  
    System.out.println("USN: " + usn + "\nNAME"  
    + name + "\nSEM: " + sem);  
}  
}
```

```
* package SEE;  
import java.util.Scanner;  
import CIE.*;
```

```
public class Externals extends CIE.Student  
{  
    public double SecMarks[];  
    public int credits[];  
    int i;
```



```

public void Faccept()
{
    Scanner E = new Scanner(System.in);
    SecMarks = new double[5];
    credits = new int[5];
    System.out.println("Enter SEE marks of 5
    courses out of 100");
    for (i=0; i<5; i++)
    {
        System.out.println("Enter see marks
        ["+(i+1)+" ]");
        SecMarks[i] = E.nextDouble();
    }
}
}

```

*

```

import CIE.*;
import SEE.*;
import java.util.Scanner;

class FinalMarks {
    public static void main (String[] args)
    {
        int FS;

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

```



```
CIE. Student[] cs = new CIE. Student[n];  
CIE. Internals[] ci = new CIE. Internals[n];  
SEE. Externals[] se = new SEE. Externals[n];
```

```
for (int j=0; j<n; j++)  
{
```

```
    cs[j] = new CIE. Student();  
    cs[j].accept();  
    ci[j] = new CIE. Internals();  
    ci[j].accept();  
    se[j] = new SEE. Externals();  
    se[j].accept();  
}
```

```
for (int j=0; j<n; j++)  
{
```

```
    cs[j].display();  
    System.out.println("Final marks of  
    student" + (j+1));
```

```
    for (int i=0; i<5; i++)  
    {
```

```
        FS = (int) (ci[j].GetMarks[i] + se[j].See  
        Marks[i] / 2);
```

```
    System.out.println("In course: " + (i+1) +  
    "FS : " + (FS));
```

```
    }
```

```
    }
```

```
    }
```

```
}
```

```
package CIE;
```

```
import java.util.Scanner;
```

```
public class Internals
```

```
{
```

```
    public double CieMarks[];
```

```
    public double Ciesum=0.0;
```

```
    int i;
```

```
    public void Iaccept()
```

```
    {
```

```
        Scanner I=new Scanner(System.in);
```

```
        CieMarks=new double[5];
```

```
        System.out.println("Enter the cie marks of 5 courses out of 50");
```

```
for(i=0;i<5;i++)
```

```
{
```

```
    System.out.println("Enter cie marks["+(i+1)+"]");
```

```
    CieMarks[i]=I.nextDouble();
```

```
}
```

```
    }
```

```
}
```

Student.java - Notepad

File Edit Format View Help

```
package CIE;
import java.util.Scanner;
public class Student
{

public String usn;
public String name;
public int sem;


public void accept()
{
Scanner A=new Scanner(System.in);

System.out.println("Enter usn ");
usn=A.next();
System.out.println("Enter name ");
name=A.next();
System.out.println("Enter sem ");
sem=A.nextInt();
}
public void display()
{
System.out.println(" USN: "+usn);
System.out.println(" NAME: "+name);
System.out.println(" SEM: "+sem);
}
}
```

Ln 1, Col 1

100%

Windows (CRLF)

UTF-8

Windows Search bar: Type here to search



System tray area showing icons for network, volume, and date/time (15:29, 22-11-2020).

```
package SEE;
import java.util.Scanner;
import CIE.*;

public class Externals extends CIE.Student
{
    public double SeeMarks[];
    public int credits[];
    int i;

    public void Eaccept()
    {
        Scanner E=new Scanner(System.in);
        SeeMarks=new double[5];
        credits=new int[5];
        System.out.println("Enter the see marks of 5 courses out of 100");
        for(i=0;i<5;i++)
        {
            System.out.println("Enter see marks["+(i+1)+"]");
            SeeMarks[i]=E.nextDouble();
        }
    }
}
```



```
import CIE.*;
import SEE.*;
import java.util.Scanner;

class FinalMarks
{
    public static void main(String sss[])
    {
        int FS;

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

        CIE.Student[] cs= new CIE.Student[n];
        CIE.Internals[] ci= new CIE.Internals[n];
        SEE.Externals[] se=new SEE.Externals[n];
        for(int j=0;j<n;j++)
        {
            cs[j]=new CIE.Student();
            cs[j].accept();
            ci[j]=new CIE.Internals();
            ci[j].Iaccept();
            se[j]=new SEE.Externals();
            se[j].Eaccept();
        }
        for(int j=0;j<n;j++)
        {
            cs[j].display();
            System.out.println("Final marks of student "+(j+1));
            for(int i=0;i<5;i++)
            {
                FS=(int)(ci[j].CieMarks[i]+se[j].SeeMarks[i]/2);
                System.out.println("The average mark of student "+(j+1)+" is "+FS);
            }
        }
    }
}
```



```
public static void main(String sss[])
{
    int FS;

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

    CIE.Student[] cs= new CIE.Student[n];
    CIE.Internals[] ci= new CIE.Internals[n];
    SEE.Externals[] se=new SEE.Externals[n];
    for(int j=0;j<n;j++)
    {
        cs[j]=new CIE.Student();
        cs[j].accept();
        ci[j]=new CIE.Internals();
        ci[j].Iaccept();
        se[j]=new SEE.Externals();
        se[j].Eaccept();
    }
    for(int j=0;j<n;j++)
    {
        cs[j].display();
        System.out.println("Final marks of student "+(j+1));
        for(int i=0;i<5;i++)
        {
            FS=(int)(ci[j].CieMarks[i]+se[j].SeeMarks[i]/2);
            System.out.println("In course: " +(i+1)+"is :"+(FS));
        }
    }
}
```

C:\Windows\System32\cmd.exe

```
C:\Users\Pooja K\Downloads>java FinalMarks
Enter the number of Students
2
Enter usn
111
Enter name
pooja
Enter sem
3
Enter the cie marks of 5 courses out of 50
Enter cie marks[1]
45
Enter cie marks[2]
44
Enter cie marks[3]
44
Enter cie marks[4]
44
Enter cie marks[5]
44
Enter the see marks of 5 courses out of 100
Enter see marks[1]
89
Enter see marks[2]
99
Enter see marks[3]
89
Enter see marks[4]
88
Enter see marks[5]
99
Enter usn
108
Enter name
arfa
Enter sem
3
Enter the cie marks of 5 courses out of 50
Enter cie marks[1]
44
```

C:\Windows\System32\cmd.exe

Enter the cie marks of 5 courses out of 50

Enter cie marks[1]

44

Enter cie marks[2]

34

Enter cie marks[3]

43

Enter cie marks[4]

42

Enter cie marks[5]

44

Enter the see marks of 5 courses out of 100

Enter see marks[1]

88

Enter see marks[2]

99

Enter see marks[3]

89

Enter see marks[4]

87

Enter see marks[5]

77

USN: 111

NAME: pooja

SEM: 3

Final marks of student 1

In course:1is :89

In course:2is :93

In course:3is :88

In course:4is :88

In course:5is :93

USN: 108

NAME: arfa

SEM: 3

Final marks of student 2

In course:1is :88

In course:2is :83

In course:3is :87

In course:4is :85

In course:5is :82

Type here to search



ENG

15:29

22-11-2020

