

2020

17-10-

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

```
    public String name, USN;
    public int sem;
    Scanner in = new Scanner (System.in);
    public void input()
    {
```

```
        System.out.println(" = = = = ");
        System.out.println("Enter the name of the student");
        name = in.next();
        System.out.println("Enter the USN of the student");
        USN = in.next();
        System.out.println("Enter the sem of the student");
        sem = in.nextInt();
    }
```

```
}
```

```
public class Internals
{
    public int CIE[] = new int[5];
    Scanner in = new Scanner (System.in);
    public void inp()
    {
```

```

int i;
System.out.println("Enter the CIE marks of  
5 subjects");
for (i = 0; i < 5; i++)
{
    System.out.println("Enter marks of Subject  
" + (i + 1) + " : ");
    CIE[i] = In.nextInt();
}
}
}

```

package SEE;

```

import java.util.*;
public class External6
{
    public static int index = 0;
    public double SEE[] = new double[5];
    Scanner in = new Scanner(System.in);
    public void input()
    {
        int i;
        System.out.println("Enter SEE marks of  
all subjects in the same order");
        for (i = 0; i < 5; i++)
        {
            System.out.println("Enter the SEE  
marks of subject " + (i + 1) + " : ");
        }
    }
}

```



```
SEE[i] = in.nextIntDouble();
```

```
SEE[i] = SEE[i]/2;
```

```
}
```

```
}
```

```
public void display (String name, String USN)  
& System.out.println ("Marks of Student with  
name : "+ name + " and USN : "+ USN + " : " +  
"");
```

```
}
```

```
public void calc (int cie)
```

```
& if (inden == 5)
```

```
    inden = 0;
```

```
    double total = cie + SEE[inden];
```

```
    inden++;
```

```
    System.out.println ("Marks in Subject "  
+ (inden) + " : " + total);
```

```
}
```

```
}
```

```
/* For Driver Class */
```

```
import CIE.*;
```

```
import SEE.*;
```

```
import java.util.*;
```

```
class StudentDriverMain
```

```
    public static void main(String args[])  
    {  
        Scanner in = new Scanner(System.in);  
        int n, i;  
        System.out.println("Enter the no. of students");  
        n = in.nextInt();  
        CIE.Student stn[] = new CIE.Student[n];  
        CIE.Externals ils[] = new CIE.Externals[n];  
        SEE.Externals els[] = new SEE.Externals[n];
```

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

```
        {  
            stn[i] = new CIE.Student();  
            ils[i] = new CIE.Externals();  
            els[i] = new SEE.Externals();
```

```
            System.out.println("Enter the details of  
            student : " + (i + 1) + " : ");
```

```
            stn[i].input();
```

```
            ils[i].inp();
```

```
            els[i].input();
```

```
        }
```

```
        System.out.println("=== IN DETAILS OF ALL  
        STUDENTS ===");
```

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

```
        {
```

```
            System.out.println("=== Details of
```



student = "(" + (i+1) + ") = " + ")";

els [i]. display (stn [i]. name, stn [i]. WSN);

for (int j = 0; j < 5; j++)

{

els [i]. calc (els [i]. cIE[j]);

}

}

}

}