

## Lab-6

```

package CIE;
import java.util.*;
public class Student
{
    public String usn, name;
    public int sem;
    public void input()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("--- enter student details ---");
        System.out.println("name:");
        name = sc.nextLine();
        System.out.print("usn:");
        usn = sc.nextLine();
        System.out.print("sem:");
        sem = sc.nextInt();
        System.out.println();
    }
    public void display()
    {
        System.out.println("--- student details ---");
        System.out.println("name:" + name);
        System.out.println("usn:" + usn);
        System.out.println("sem:" + sem);
    }
}
    
```

```
package CIE;
import java.util.*;
public class Internal
{
    public int cie-marks [] = new int [5];
    public void input()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("enter cie marks in 5 courses");
        for (int i=0; i<5; i++)
            cie-marks [i] = sc.nextInt();
    }
    public void display()
    {
        System.out.println("cie marks : ");
        for (int i=0; i<5; i++)
            System.out.print(cie-marks [i] + " ");
        System.out.println();
    }
}
```

```
package SFE;
import CIE.*;
import java.util.*;
public class External CIE Student
{
    public int sec-marks [] = new int [5];
    public void input()
    {
        Scanner sc = new Scanner(System.in);
```



```
A.o.f.kn ("enter see marks in Scowres");  
for (int i=0; i<5; i++)  
    see_marks[i] = sc.nextInt();  
}  
public void display()  
{  
    System.out.println("see marks:");  
    for (int i=0; i<5; i++)  
        System.out.println(see_marks[i] + " ");  
    System.out.println();  
}  
}
```

```
import CIE.*;  
import SEE.*;  
import java.util.*;  
class main  
{  
    int final_marks[] = new int[5];  
    public static void main (String args[])  
    {
```

```
        Scanner sc = new Scanner(System.in);  
        System.out.println("enter no. of students");  
        int n = sc.nextInt();  
        CIE_Student[] o1 = new CIE_Student[n];  
        CIE_Internals[] o2 = new CIE_Internals[n];  
        SEE_External[] o3 = new SEE_External[n];  
        main[] obj = new main[n];  
        for (int i=0; i<n; i++)  
        {
```

```
            o1[i] = new CIE_Student();  
            o2[i] = new CIE_Internals();
```

```

o3[i] = new SFE.External
ob[i] = new main();
o1[i].input();
o2[i].input();
o3[i].input();
for (int j = 0; j < 5; j++)
    obj[i].final_marks[j] = o2[i].cse_marks[j] + (o3[i].se
marks[j]);
}
for (int i = 0; i < n; i++)
{
    o1[i].display();
    o2[i].display();
    o3[i].display();
    System.out.println("final marks in 5 courses");
    for (int j = 0; j < 5; j++)
        System.out.print(obj[i].final_marks[j] + " ");
    System.out.println();
}
}

```