Lab - program - 6

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Student.java

```java
package CIE;
import java.util.Scanner;
public class Studen {
    public String usn;
    public string name;
    public int sem;
    Scanner sc = new Scanner(System.in);
    public void accept()
    {
        System.out.println("Enter the USN:");
        usn = sc.nextLine();
        System.out.println("Enter the name:");
        name = sc.nextLine();
        System.out.println("Enter the semester");
        sem = sc.nextInt();
    }
    public void display()
    {
        System.out.println("USN:" + usn);
        System.out.println("Name:" + name);
        System.out.println("Sem:" + sem);
    }
}
```

Internals.java :-

```java
package CIE;
import java.util.Scanner;
public class Internals extends Student
{   Scanner sc = new Scanner (System.in)
        public int[] Cie_marks = new int[];
        put int i;
        public void accept_cie()
    {   Scanner sc = new Scanner(System.in);
        System.out.println(" Enter the cie marks:");
        for(i=0; i<5; i++)
        {   Cie_marks[i] = s.nextInt();
        }
    }
}
```

External.java

```java
Package SEE;
import CIE.*;
import java.util.Scanner;
public class External extends CIE.student
{   public int SEE_marks[] = new int[5]
    public int i;
    Scanner sc = new Scanner (System.in)
    public void accept_SEE()
    {System.out.println(" Enter the see marks for five
        for (i=0; i<5; i++)                          subjects);
    }}  SEE_marks[i] = sc.nextInt();
```

```java
import CIE.*;
import SEE.*;
import java.util.Scanner;
public class Labprogram6.
{
    public static void main (String[] args)
    {   Scanner sc = new Scanner (System.in);
        int n, i, j;
        System.out.println ("Enter the number of studen
        n = sc.nextInt();
        CIE.Internals[] in = new CIE.Internals[n];
        SEE.External[] ex = new SEE.External[n];
        for ( i=0; i<n; i++)
        {
            in[i] = new CIE.Internals();
            ex[i] = new SEE.External();
            in[i].accept();
            in[i].accept_cie();
            ex[i].accept_see();

            for(i=0; i<n; i++)
            in[i].display();
            for(j=0; j<5; j++)
            {   System.out.println ("Final marks in
                    subject "+(j+t) +" :" +in[i].cie_mark
                    +(in[i].cie_marks +(ex[i].see_marks[j])
            }
        }
```

Procedure:

* First creating folders, CIE and SEE in my working directory javalabprograms.

* creating files, student.java and Internals.java in folder CIE.

* creating file External.java in folder SEE.

* Creating ~~final~~ a file, Labprogram6.java in my working directory above the packages CIE and SEE.