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Lab Program - 6

```java
Package CIE;
import java.util.*;
public class personal
{
    public String name;
    public  int  semster;
    puble String usn;

public void read ()
{
    Scanner sc = new Scanner( System.in );
    System.out.println("Enter the name:");
    name = sc.next().
    System.out.println("Enter Semester : ");
    semester = sc.nextInt ();
    System.out.println(" USN:  " );
    usn = sc.next ();
}
public void display ()
{
    System.out.println("Student details ");
    System.out.println(" Name:   " + name + " \n USN:" \n semester :" + semester);
}
}
```

```
package CIE;
import java.util.*;
public class student extends personal
```

```java
{
    public double cie [];
    public void accept ()
    {
        cie = new double [5];
        Scanner sc = new Scanner (System.in );
        for (int i = 0; i<5; i++)
        {
            System.out.println ("CIE mark for course " + (i+1) + " : " );
            cie [i] = sc.nextDouble();
        }
    }
}


package SEE;
import java.util.*;
import CIE.*;
public class externals extends personal
{
    public double see [];
    public void get ()
    {
        see = new double [5];
        Scanner sc = new Scanner (System.in );
        for (int i = 0; i<5; i++)
        {
            System.out.println ("SEE mark for course " + (i+1) + " : " );
            see [i] = sc.nextDouble ();
        }
    }
}
```

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

class Main
{
    public static void main (String args[])
    {
        Scanner sx = new Scanner (System.in);
        System.out.println ("Enter the number of students");
        int n = sx.nextInt ();
        CIE.internals in [] = new CIE.internals [n];
        SEE.externals en [] = new SEE.externals [n];
        int i,j;
        for (i=0; i<n; j++)
        {
            System.out.println ("Student " + (i+1));
            in [i] = new CIE.internals ();
            en [i] = new SEE.externals ();
            in [i].read ();

            System.out.println ("CIE MARKS:");
            in [i].accept ();
            System.out.println ("SEE MARKS : ");
            en [i].get ();
            System.out.println ();
            in [i].display ();
            for (j=0 ; j<5; j++)

            System.out.println (" Total Marks for course" +(j+1)+ "+"+ (in[i].cie[j]
            + (en[i].see [j]/2)));
        }
    }
}
```