

LAB 6

```

package CIE;
import java.util.*;
public class Personal
{
    public String name;
    public int sem;
    public String usn;

    public void read()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the name");
        name = sc.next();
        System.out.println("Enter the semester");
        sem = sc.nextInt();
        System.out.println("Enter the usn");
        usn = sc.next();
    }

    public void display()
    {
        System.out.println("Student details:");
        System.out.println("Name: " + name + " usn: " + usn + " sem: " + sem);
    }
}

```

```

package CIE;
import java.util.*;
public class Internals extends Personal
{
    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 marks for course " + (i+1));
            cie[i] = sc.nextDouble();
        }
    }
}

```

```

package SEE;
import java.util.*;
import CIE.*;
public class external 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 marks for course " + (i+1));
            see[i] = sc.nextDouble();
        }
    }
}

```

```

import CIE.*;
import SEE.*;
import java.util.*;
class Main
{

```

```

    public static void main (String args[])
    {

```

```

Scanner sc = new Scanner (System.in);
System.out.println(" Enter the number of students");
int n = sc.nextInt();
CEE.internals in[] = new CEE.internals [n];
SEE.externals en[] = new SEE.internals [n];
int i, j;
for (i=0; i<n; i++)
{
    System.out.println(" student " + (i+1));
    in[i] = new CEE.internals();
    en[i] = new SEE.internals();
    in[i].read();
    System.out.println(" CEE :");
    in[i].accept();
    System.out.println(" SEE :");
    en[i].get();
    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)));
}
}

```

Package FOLDER:

- ☐ CEE
- ☐ SEE
- ☒ externals.java
- ☒ internals.java
- ☐ Main.class
- ☒ Main.java
- ☒ personal.java

CEE folder:

- ☐ internals.class
- ☐ personal.class

SEE folder:

- ☐ externals.class