

Week 9 - Lab Program 6

Kanthik Deepak
IBM19CS200

```
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();
```

```
        System.out.println("Enter the  
    }
```

```
    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 mark for course " +
                                (i+1) + " : ");

```

```

            cie[i] = sc.nextDouble();

```

```

        }

```

```

    }

```

```

}

```

```

package SEE;
import java.util.*;
import CIE.*;
{

```

```

    public double see[];

```

```

    public void get()
    {

```

```

        see = new double[5];

```

```

        Scanner sc = new Scanner(System.in);

```

```

        for(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

```

```

{

```

```

    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.int SEE externals en[] = new SEE.externals[n];

```

```

    int i, j;

```

```

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

```

```

    {

```

```

        System.out.println("Student " + (i+1));

```

```

        in[i] = new CIE.internals();

```

```

        in[i] en[i] = new SEE.externals();

```

```

        in[i].read();

```

```

        System.out.println("CIE Mark");
        in[i].read();

```

```

        System.out.println("CIE Mark");

```

```

        in[i].accept();

```

```

        System.out.println("SEE Mark");

```

```

        en[i].get();

```

```

        System.out.println();
    }
}

```



```
in[i].display();  
for(j=0; j<5; j++)
```

```
system.out.println("Total Mark for course "+(j+1)  
+ ": "+ (in[i].cie[j]  
+ (en[i].see[j]/2)));
```

```
}
```

```
}
```

```
}
```