

Lab-6

/* ~~Package~~ Package CIE :

Internals.java file :

code: #/
package cie;

public class Internals extends Student

{
public double cie-marks[] = new double[5];

public Internals(double cie[], String u, String n,
int s)

{

super(u, n, s);

for(int i=0; i<5; i++)
cie-marks[i] = cie[i];

}

}

/* Student.java file :

code: #/
package cie;

public class student

{
String uam;
String name;
int sem;


```

public student (String u, String n, int s)
{
    usn = u; name = n; sem = s;
}
public student () { }
}

```

In ~~SEE~~ Package :

In External - java file :

```

package ee;
public class External extends ee.student
{
    public double ee-marks[] = new double [5];
    public External (double ee[])
    {
        super();
        for (int i = 0; i < 5; i++)
            ee-marks[i] = ee[i];
    }
}

```

/* Final Marks - java ^{file} */

```

import ee.*;
import ee.*;
import java.util.Scanner;

```



```
class FinalMarks
```

```
{
```

```
    public static void main (String args[])
```

```
    {
```

```
        Scanner input = new Scanner (System.in);
```

```
        int n; String usn; String name; int sem;
```

```
        double ic_marks[] = new double[5];
```

```
        double se_marks[] = new double[5];
```

```
        System.out.print("Enter the no. of students: ");
```

```
        n = input.nextInt();
```

```
        Internals ic[] = new Internal[n];
```

```
        Externals se[] = new External[n];
```

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

```
        {
```

```
            System.out.println("Enter the details of student  
                                " + (i+1));
```

```
            System.out.print("Name: ");
```

```
            name = input.next();
```

```
            System.out.print("USN: ");
```

```
            usn = input.next();
```

```
            System.out.print("SEM: ");
```

```
            sem = input.nextInt();
```

```
            System.out.print("Enter the ic marks of all  
subjects: ");
```

```
            for (int j = 0; j < 5; j++)
```

```
            {
```

```
                System.out.print("Subject " + (j+1) + " : ");
```

```
                ic_marks[j] = input.nextInt();
```

```
            }
```



```
System.out.println("Enter the see marks of all  
subjects: ");
```

```
for(int j=0; j<5; j++)
```

```
System.out.print("Subject " + (j+1) + " : ");
```

```
see_marks[j] = input.nextInt();
```

```
}
```

```
all[i] = new Internal(see_marks, usn, name, sem);
```

```
see[i] = new External(see_marks);
```

```
} System.out.println("Student Details: ");
```

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

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

```
for(int j=0; j<5; j++)
```

```
System.out.println("Subject " + (j+1) + " : " + all[i].
```

```
see_marks[j]);
```

```
}  
}  
}  
}
```