

Lab-6

Std dent.java.

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

```
public class Student  
{
```

```
    public String name, usn;  
    public int sem;
```

```
    public void input()  
{
```

```
        Scanner Su = new Scanner(System.in);  
        System.out.println("Enter the Name");  
        name = Su.nextLine();  
        usn = Su.nextLine();  
        sem = Su.nextInt();
```

```
    }  
    public void display()  
{
```

```
        System.out.println("Name: " + name + "USN" + usn);  
    }  
}
```

Internals.java.

```
package CIE;
```

```
import java.util.*;
```

```
public class Internals extends Student
```

```
{  
    public int[] in = new int[5];
```

```
    public void input()
```

```
{  
        Scanner su = new Scanner(System.in);
```

```
        System.out.println("Enter Internals Marks!");
```

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

```
            in[i] = su.nextInt();
```

```
    }
```

```
}
```

External.java.

```
package SEE;
```

```
import CIE.*;
```

```
import java.util.*;
```

```
public class External extends CIE.Student
```

```
{
```

```
    public int em[] = new int[5];
```

```
    public void input()
```

```
{  
        for (int i = 0; i < 5; i++)
```

```
            em[i] = su.nextInt();
```

```
    }
```

```
}
```


marks.java.

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

```
class marks
```

```
{
```

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

```
{
```

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

```
    int f[] = new int[5];
```

```
    Student s = new Student ();
```

```
    s.input ();
```

```
    Internals i = new Internals ();
```

```
    Externals e = new Externals ();
```

```
    i.input ();
```

```
    e.input ();
```

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

```
    {  
        System.out.println ("Subject " + (j+1) + " f[" + j + "]");
```

```
    }
```

```
}
```

```
}
```

Enter the Name, USN and Semester!

Jeevan

1BM19CS084

3

Enter the Internals marks

Subject 1

45

Subject 2

46

Subject 3

47

Subject 4

48

Subject 5

49

Enter the semester marks

Sybject 0

88

Sybject 1

89

Sybject 2

90

Sybject 3

90

Sybject 4

91

Name: Jeevan USN: 1BM19CS084Sem: 3

Final marks are!

Subject 1 : 89

Subject 2 : 90

Subject 5
49
Enter the semester marks
Subject 0
88
Subject 1
89
Subject 2
90
Subject 3
90
Subject 4
91
Name: Jeevan USN: 1BM19CS084Sem: 3
Final marks are!
Subject 1 : 89
Subject 2 : 90
Subject 3 : 92
Subject 4 : 93
Subject 5 : 94