

## LAB Program - 6

• In the CIE package (Student class)

```
package cie;
```

```
public class Student {
```

```
    public int usn;
```

```
    public String name;
```

```
    public int sem;
```

```
    public Student(int usn, String name, int sem) {
```

```
        this.usn = usn;
```

```
        this.name = name;
```

```
        this.sem = sem;
```

```
    }
```

```
}
```

(internals class)

```
package cie;
```

```
public class internals extends Student {
```

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

```
    public internals(int usn, String name name, int sem, int[] cieMarks) {
```



```
super(usn, name, sem);
```

```
this.cieMarks = cieMarks;
```

```
}
```

```
}
```

In see package

(externals class)

```
package see;
```

```
import cie.*;
```

```
public class externals extends Student{
```

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

```
    public externals(int usn, String name, int sem, int[] seeMarks){
```

```
        super(usn, name, sem);
```

```
        this.seeMarks = seeMarks;
```

```
    }
```

```
}
```

In Default package

```
import see.*;
```

```
import cie.*;
```

```
class Main{
```

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

```
        int usn = 146;
```

```
        String name = "Sharan";
```

```
        int sem = 3;
```

```
        int[] cie = {49, 50, 46, 47, 48};
```

```
        int[] see = {91, 100, 89, 91, 90};
```

```
        internals in = new internals(usn, name, sem, cie);
```

```
        externals ex = new externals(usn, name, sem, see);
```

```
        System.out.println("Name : " + in.name);
```

```
        System.out.println("USN : " + ex.usn);
```

```
        System.out.println("Sem : " + in.sem);
```



```
int total = 0;
```

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

```
    total = in.cieMarks[i] + ex.seeMarks[i];
```

```
    System.out.print("Final marks: " + total + " ");
```

```
}
```

```
System.out.println();
```

```
}
```