

week 9 (Lab program 6) (Package)INTERNALS.java:

```
package CIE;
import java.util.Scanner;
class STUDENTS {
    public void getName() {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the name of the student");
        String name = sc.nextLine();
        System.out.println("Enter the USN");
        int usn = sc.nextInt();
        System.out.println("Enter the current semester");
        int sem = sc.nextInt();
    }
}

public class INTERNALS extends STUDENTS {
    public int[] getData() {
        super.getName();
        Scanner ss = new Scanner(System.in);
        int[] Array = new int[s];
        System.out.println("Enter the marks for the subjects");
        for (int i=0; i<s; i++) {
            Array[i] = ss.nextInt();
        }
        return Array;
    }
}
```

Externals.java

```
package SEG;  
import java.util.Scanner;  
public class EXTERNALS {
```

```
    public int[] getData() {
```

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

```
        int[] Arr = new int[s];
```

```
        System.out.println("Enter the SEE marks for
```

```
        5 subjects")  
        for (int x = 0; x < s; x++)
```

```
        {
```

```
            Arr[x] = sc.nextInt();
```

```
        }  
        return Arr;
```

```
}
```

```
}
```

Total Marks - java:

```
Import CIE.*;
```

```
Import SEE.*;
```

```
Import java.util.Scanner;
```

```
public class TotalMarks {
```

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

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

```
        System.out.println ("Enter the total no of  
        students—");
```

```
        int stud = st.nextInt();
```

```
        CIE. INTERNALS ci = new CIE. INTERNALS();
```

```
        SEE. EXTERNALS se = new SEE. EXTERNALS();
```

```
        for (int k=0; k<stud; k++) {
```

```
            int internal marks [] = ci.getData();
```

```
            int external marks [] = se.getData();
```

```
            int tms1 = 0, tms2 = 0, tms3 = 0, tms4 = 0,
```

```
            tms5 = 0;
```

```
            tms1 = internal marks [0] + external marks [0];
```

```
            tms2 = internal marks [1] + external marks [1];
```

```
            tms3 = internal marks [2] + external marks [2];
```

```
            tms4 = internal marks [3] + external marks [3];
```

```
            tms5 = internal marks [4] + external marks [4];
```

```
system.out.println ("\\n total marks for sub1 = " + tmS1);  
system.out.println ("\\n total marks of sub2 = " + tmS2);  
system.out.println ("\\n total marks of sub3 = " + tmS3);  
system.out.println ("\\n total marks of sub4 = " + tmS4);  
system.out.println ("\\n total marks of sub5 = " + tmS5);
```

{}

{}

{}