Lab program - 6

* Student.java

```java
package cie;

public class Student {

    public Student (String name, String usn, int sem)
    {
        this.name = name;
        this.usn = usn;
        this.sem = sem;
    }
    private String name;

    private String usn;
    private int sem;

    public String getDetails () {
        return ("Name : " + this.name + "USN :" + this.usn
                + "Semester :" + this.sem);
    }
}
```

* Internals.java

```java
package cie;
public class Internals extends Student {
    private float[] cieMark = new float[5];

    public Internals (float[] cieMarks, String name,
                        String usn, int sem) {
        super(name, usn, sem);
        this.Mark = cieMarks;
    }
```

```java
public float[] getMark (){
    return this.eeMark 99;
}
}
```

* Externals .java.

```java
package see;
public class Externals {
    private float [] seemarks = new float[5];

    public Externals (float[] seemarks, String name,
                      String usn, int sem){
        super ( name, usn, sem);
        this.seeMarks = seeMarks;
    }
    public float[] getSeeMarks (){
        return this.seeMarks;
    }
}
```

* StudentMain.java.

```java
import ie.*;
import java.*
import java.util.Scanner;

public class StudentMain {

    public static void main (String args[]){
        System.out.println(" Enter the number of student ");
        Scanner scanner = new Scanner (System.in);
        int n = scanner.nextInt();
        ie.Internals internals = new ie.Internals (FN;
```

```java
rec.Externals externals = new rec Externals [n];
for (int i=0; i<n; i++){
    String name = Scanner.next();
    String usn = Scanner.next();
    int sem = Scanner.nextInt();
    float[] cieMarks = new float[5];
    for (int i=0; i<n; i++){
        cieMarks[i] = Scanner.nextfloat();
    }
    float[] reeMarks = new float[5];
    for (int j=0; j<n; i++){
        reeMarks[i] = Scanner.nextfloat();
    }
    internal[i] = new Internals (cieMarks, name, usn, sem);
    internals[i] = new Externals (reeMarks, name, usn, sem);
}
for (int i=0; i<n; i++){
    for (int j=0; j<5; j++)
        System.out.println("Total" (cie[j]+ree[j])/2);
}
}
}
```