Lab :- 6

Student class

```java
package CIE;
import java.util.*;
public class student {
Scanner in = new Scanner(System.in);
public String name, usn;
public int sem;
public void Accept() {
System.out.println("Enter name and usn of a
student");
name = in.nextLine();
usn = in.next();
System.out.println("Enter sem ob student");
Sem = in.nextInt();
}
}
```

Internals class

```java
package CIE;
public class internals extends
student {
public int cievar[] = new int[5];
public void Accept cie() {
```

```java
for(int i=0; i<5; i++){
System.out.println(" enter cie marks of subject"
                   + (i+1));
ciemar[i] = in.nextInt();
}
}
}
```

external class

```java
package SEE;
import CIE.*;
import java.util.*;
public class externals extends CIE.student{
Scanner in = new Scanner(System.in);
public int seemar[] = new int[5];
public void Acceptsee(){
for(int i=0; i<5; i++){
System.out.println(" Enter SEE marks of
subject " + (i+1));
seemar[i] = in.nextInt();
}
}
}
```

Main class

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

class Main {
public static void main(String[] args)
{

Scanner in = new Scanner(System.in);
int n, tot=0;
System.out.println("Enter number of students");
n = in.nextInt();
CIE.internals[] I = new CIE.internals[n];
SEE.externals[] E = new SEE.externals[n];
for(int i=0; i<n; i++) {
    I[i] = new CIE.internals();
    E[i] = new SEE.externals();
    I[i].Accept();
    I[i].Accept ciecl();
    E[i].Acceptsee();
}

for(int i=0; i<n; i++){
System.out.println("Student" + (i+1));
System.out.println("Name: " + I[i].name +
" USN: " + I[i].usn + " SEM" + I[i].sem);
```

```java
System.out.println("Total marks");
for(int j=0; i<5; j++){
to t = I[i].ciemar[j]+(E[i].kemar[j]/2);
System.out.println("subjat" + j +U+" = "+tot);
    }
  }
}
}
```

Procedure

(i) Execute student file and store class file in CIE folder.

(ii) execute internals file and store internals class file in CIE folder.

(iii) execute externals file and store externals class file in SEE folder.

(iv) Execute main java file.