}

Procedure used:-

1) Created CIE and SEE folders
2) In CIE folder created two files Student.java and Internals.java which are public class with public methods.
3) In SEE folder created ~~two~~ one file Externals.java a public class with public method.
4) Compiled each files separately without package
5) From main folder, compiled the driver class
6) Executed main driver file from the pack.

Name of the Experiment : WEEK-9 Date :
Experiment No. : Page No. :

CIE / Student.java

```
package CIE;
public class Student {
    public String usn;
    public String name;
    public int sem;
    public Student() {}
    public Student(String usn, String name, int sem) {
        this.usn = usn;
        this.name = name;
        this.sem = sem;
    }
}
```

CIE / Internals.java

```
package CIE;
import java.util.Scanner;
public class Internals extends CIE.Student {
    Scanner s = new Scanner(System.in);
    public int[] ie = new int[5];
    public void get() {
        for(int i=0; i<5; i++) {
        System.out.println("Enter CIE mark in sub" + (i+1));
        ie[i] = s.nextInt();
    }
}
```


Signature.....

Name of the Experiment :
Experiment No. :
Date :
Page No. :

SEE / Externals.java

```
package SEE;
import java.util.Scanner;
public class Externals extends CIE.student{
  public Externals(String usn, String name, int sem){
      super(usn, name, sem);
  }
  Scanner s = new Scanner(System.in);
  public int[] see = new int[5];
  public void get(){
    for(int i=0; i<5; i++){
      System.out.println("Enter see in sub"+(i+1));
      see[i] = s.nextInt();
    }
  }
}
```


Signature.....

Experiment No. : Page No. :

Finalmarks.java

```
import CIE.*;
import SEE.*;
class Finalmarks {
  public static void main(String args[]) {
    Scanner s = new Scanner(System.in);
    System.out.println("Enter no of students: ");
    int n = s.nextInt();
    SEE.Externals obj[] = new SEE.Externals[n];
    CIE.Internals ob[] = new CIE.Internals[n];
  for (int i=0; i<n; i++){
  System.out.println("Enter usn, name & sem for
          student" + (i+1));
  String u = s.next();
  String nm = s.next();
  int se = s.nextInt();
  obj[i] = new SEE.Externals(u, nm, se);
  ob[i] = new CIE.Internals();
  ob[i].get();
  obj[i].get();
  }
  for (int i=0; i<n; i++) {
    System.out.println("Student" + (i+1));
```

Name of the Experiment :
Experiment No. :
Date :
Page No. :

```
System.out.println("name = " + obl[i].name + "usn = " +
  obl.[i].usn + "sem = " + obl[i].sem);
  For (int j=0; j<5; j++) {
    System.out.println("SUB " + (j+1) + "Marks" +
      (ob[i].ce[j] + (obl[i].see[j]) /2));
  }
 }
}
```