Lab - 6 - week 9

package CIE

```
public class student {
    string usn;
    String name;
    String scm;

    public Studnt (String usn, String name,
                   String sem) {
        this. usn = usn;
        this. name = name;
        this. scm = scm;
    }
}
```

```
package CIE;
public class Internals {
    double [] marks_cie = new double [5];
    public Internals (double [] marks_cie) {
        this. marks_cie = marks_cie;
    }
    public double [] get marks_cie() {
        return marks_cie;
    }
}
```

```java
packge SEE;

import CIE. Student;

public class Externals extends Student {
    double [] see_marks = new double [5];

    public Externals (String usn, string name,
        string sem, double [], see_marks) {
        super (usn, name, usn);
        this. see_marks = see_marks;
    {
        public double [] getSee_marks() {
            return see_marks
        {
    {
```

Main (driver class)

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

impor java.util.Scanner;

public class Maeha {
    public static void main(String [] args) {
        scanner s = new Scanner (System.in);
        System.out.println(" Enter the no. of students
```

```java
int n = s.nextInt();
Externals [] e = new Externals [n];
Internals [] i = new Internals [n];

for (int k=0; k<n; k++)
{
    System.out.println(" Enter details " + (k+1)+ " : ");
    System.out.println(" Enter usn ");
    String usn = s.next();
    System.out.println(" Enter name");
    String name = s.next();
    System.out.println(" Enter sem");
    String sem = s.next();
    System.out.println(" Enter cie marks ");
    double [] cie_marks = new double [5];
    for (int j=1; j<=5; j++)
    {
        System.out.println("subject"+(j)+ " : ");
        cie_marks [j-1] = s.nextDouble();
    }
    System.out.println("Enter SEE marks of each subject");
    double [] see_marks = new double [5];
    for (int j=1; j<=5; j++)
    {
        System.out.println(" subject " +j+ " : ");
        see_marks [j-1] = s.nextdouble();
    }
    e[k] = new Externals (usn, name, sem, seemarks);
    i[k] = new Internals ( cie_marks );
}
```

```
for (int k=0; k<n ; k++)
{
    System.out.println (" The total marks of
    student "+(k+1)+", the subject's );
    for (int j=1; j<=5; j++)
    {
        System.out.println (" subjce "+(k+1)+ " : "
        + c[k].getse-marks() [j-1]/20 + 1(k).get cie_mark
        () (j-1));
    }
}
```