CIE

internals

```
package CIE;
import java.util.Scanner;

public class Internals extends Students {
    double InternalMarks [] = new double [5];
    Scanner sc = new Scanner (system. in);

    public void setMarks () {
        for (int i = 0; i < internalMarks.length; i++) {
            System. out. println ("Enter Internal Marks(40) of subjects " + (i+1) + " : ");
            internalMarks [i] = sc. nextDouble ();
        }
    }
    public void getMarkss (double quizmarks[]) {
        System.out. println ("Internals Marks (40) of subjects " + (i + 1) + " :" );
        InternalMarks [i] = sc. nextDouble ();
    }
}
```

```java
public void getMarks (double quiz Marks[]);
    System.out.println ("Internals marks
    of 50 :");
    for (int i=0; i<internal Marks.length; i++);
    System.out.println ("Subject" + (i+1)+" >> "+
        -(internal Marks [i] +quiz Marks [i]));
    }
}
    public double getMarks by Index(int index);
    return InternalMarks [index];
    }
}


// CIE; Quiz
package CIE;
import java.util.Scanner;
public class Quiz {
    public double quiz marks [] = new double[];

Scanner sc = new Scanner (system.in)

    public void setMarks () {
    System.out.println(" Enter Quiz marks of
    -subjects (out of 10");
```

```java
        for (int i=0; i < quizMarks.length; i++) {
            quizMarks[i] = sc.nextDouble();
        }
    }
    public double getMarksByIndex(int index){
        return quizMarks[index];
    }
}
```

```java
Package CIE;
public class Student {
    public String usn, name;
    public int sem;
}
```

* SEE

```java
package SEE;
import CIE.student;
import java.util.Scanner;
public class Externals Student {
    double[] external marks = new double[5];
    Scanner sc = new Scanner(system.In);
    public void setDetails() {
        system.out.println(" Enter name : ");
        name = sc.nextLine();
```

```java
        system.out.println("Enter USN:");
        usn = sc.nextLine();
        system.out.println("Enter sem");
        sem = sc.nextInt();
    }
    public void setMarks() {
        for(int i = 0; i < externalMarks.length; i++) {

        system.out.println("Enter External Marks (100) of
        - subject " + (i + 1) + " : ");

        external marks[i] = sc.nextDouble()/2;

    }
    }
    public void getDetails() {
        system.out.println("Name :" + name + "\nUSN :"
        - usn + "\n semester :" + sem);
    }

    public void getMarks() {
        system.out.println("External Marks out of
                                    50 :");

        for(int i = 0; i < externalMarks.length; i++)
        {
        system.out.println("subject " + (i + 1) + " : " +
        externalMarks[i]);
```

```java
    {

    }
    public double getMarksbyIndex (int index)
    {
        return external Marks [index];

    }
}
```

Main function

```java
import java.util.Scanner;
import CIE.Internals;
import CIE.Quiz;
import SEE.Externals;

public class Main {
    public static void main String[]args) {
        int n;
        Scanner sc = new scanner (system.in);
        System.out.println ("Enter the number of students:");
        n = sc.nextInt();
        Internals[] cie = new Internals [n];
        Externals[] see = new External [n];
        Quiz[] quiz = new Quiz [n];
        for (int i=0; i < see.length;
```