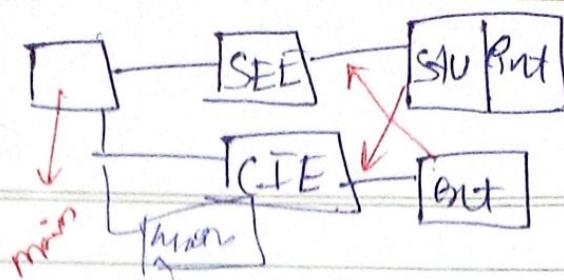


23/1/24.



SURYA Gold

Date _____

Page _____

Lab-7

package

package CIE

import java.util.Scanner

```
public class Student {
```

```
    public String usn;
```

```
    protected String name;
```

```
    protected int sem;
```

```
    public void InputStudentDetails()
```

```
    { Scanner in = new Scanner(System.in);
```

```
        System.out.print("USN:");
```

```
        this.usn = in.nextLine();
```

```
        System.out.print("Name:");
```

```
        this.name = in.nextLine();
```

```
        System.out.print("Sem:");
```

3

```
    public void displayStudentDetails()
```

```
    { System.out.println("USN: " + this.usn + " Name: " +
```

```
        this.name + " Sem: " + this.sem);
```

3

3

3

package CIE;

import java.util.Scanner;

public class Internals extends Student

protected int marks[] = new int[5];

public void Input(CIEmarks)

for (int i=0; i<5; i++)

{

System.out.print("Enter Intern Marks");

this.marks[i] = sc.nextInt();

}

3.

package SEE;

import java.util.Scanner;

import CIE.Student;

public class External extends Student

protected int SEEmarks[] = new int[5];

protected int finMarks[] = new int[5];

public void getSEEMarks()

Scanner sc = new Scanner(System.in);

Scout("Enter SEE Marks");

else

for (int i=0; i<5; i++)

{

this.SEEmarks[i] = sc.nextInt();

}

3.

public void finalMarks()

for (int i=0; i<5; i++)

final[i] = (SEE_MARKS[i]/2) + marks[i];

3

3

import SEE_external;

import java.util.Scanner;

Class ~~TestMain~~

public static void main (String [] args)

int numStudents;

Scanner in = new Scanner (System.in);

System.out.print ("enter the no of students");

numStudents = in.nextInt();

External finalMarks[] = new External [numStudents];

for (int i=0; i< numStudents; i++)

finalMarks[i] = new External();

finalMarks[i].getDetails();

System.out.print ("enter the marks");

finalMarks[i].getMarks();

System.out.print ("SEE MARKS");

finalMarks[i].getSEEMarks();

3

start C⁴ display details);

for (and q=0; q < numStudents; q++) {

 findMarks(); findMarks();

 finalMarks(); printFinalMarks();

 q
 q
 q

~~Enter~~ O/P

Enter the number of student : 1

Enter USN : 1

enter Name : nishu

enter AltSem : 3.

enter CIE Marks.

S1 : 50

S2 : 40

S3 : 30

S4 : 35

S5 : 40

enter SEE marks.

S1 : 38

S2 : 40

S3 : 62

S4 : 40

S5 : 80

total Marks ~~per of~~ student

S1 = 68

S2 = 40

S3 = 62

S4 = 55

S5 = 80

05/11/2023