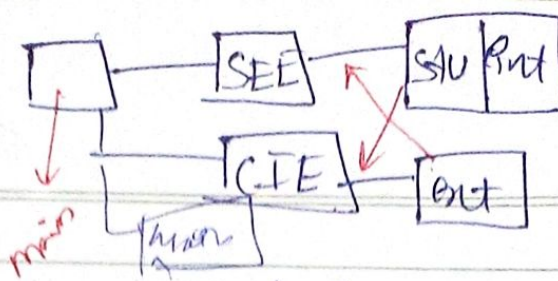


23/1/24.



Lab-7

packag

```

package CIE
import java.util.Scanner

```

```

public class student {
    public String usn;
    protected String name;
    protected int sem;
    public void InputStudentDetails()
    {
        Scanner sn = new Scanner(System.in);
        sout("usn: ")
        this.usn = sn.next();
        sout("name: ")
        this.name = sn.next();
        sout("sem: ")
    }
    public void displayStudentDetails()
    {
        sout("usn: " + this.usn + " \n name: "
            + this.name + " \n sem: ")
    }
}

```



```

package CIE;
import java.util.Scanner;
public class Internals extends Student {
    protected int marks[] = new int[5];
    public void InputCIEMarks()
    {
        for (int i = 0; i < 5; i++)
        {
            Scanner in = new Scanner(System.in);
            System.out.println("Enter enter marks");
            this.marks[i] = in.nextInt();
        }
    }
}

```

```

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 in = new Scanner(System.in);
        System.out.println("Enter see marks.");
        for (int i = 0; i < 5; i++)
        {
            this.SEEMarks[i] = in.nextInt();
        }
    }
}

```



```

public void findMarks()
{

```

```

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

```

```

        find[i] = (SEE Marks[i] / 2)
            + marks[i];
    }
}

```

```

import SEE.external;

```

```

import java.util.Scanner;

```

```

class Main

```

```

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

```

```

        int numStudents;

```

```

        Scanner in = new Scanner(System.in);

```

```

        System.out.println("Enter the no of students");

```

```

        numStudents = in.nextInt();

```

```

        External finalMarks[] = new External
            [numStudents];

```

```

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

```

```

            inMarks[i] = new External();

```

```

            inMarks[i].getDetails();

```

```

            System.out.println("Enter the marks");

```

```

            finalMark[i].getMarks();

```

```

            System.out.println("Enter SEE marks");

```

```

            finalMark[i].getSEEMarks();
        }
    }
}

```


sort ("display details");

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

find marks (i); find marks()

find marks (i); print find marks();

}

O/P

Enter the number of student: 1

Enter USN : 1

Enter Name: Vishu

Enter Sem: 3

Enter 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 of student

S1 = 68

S2 = 40

S3 = 62

S4 = 55

S5 = 80

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