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E:\divyanshu collage\ooglab\New folder\CIE\Student.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
prog21.java lab3.java lab.java week81.java labprog.java labprog1.java Student.java Internals.java Externals.java program6.java
1 package CIE;
2 import java.util.Scanner;
3
4 public class Student {
5     public String name;
6     public String USN;
7     public int sem;
8 }
```

Java source file length: 129 lines: 8 Ln: 8 Col: 2 Pos: 130 Windows (CR LF) UTF-8 INS

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E:\divyanshu collage\ooglab\New folder\CIE\Internals.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
prog21.java lab3.java lab.java week81.java labprog.java labprog1.java Student.java Internals.java Externals.java program6.java
1 package CIE;
2 import java.util.Scanner;
3
4
5 public class Internals extends Student{
6     public double [] cie_marks = new double[5];
7     public void getdata() {
8         Scanner inp = new Scanner(System.in);
9         System.out.print("Enter the following information : \n");
10        System.out.print("Name : ");
11        name = inp.nextLine();
12        System.out.print("USN : ");
13        USN = inp.nextLine();
14        System.out.print("Semester : ");
15        sem = inp.nextInt();
16
17        System.out.println("Enter the marks scored in CIE : ");
18        for(int i=0;i<5;i++) {
19            System.out.print("Subject "+(i+1)+ " : ");
20            cie_marks[i] = inp.nextDouble();
21        }
22    }
23
24    public void printdata() {
25        System.out.println("Name : "+name);
```

Java source file length: 901 lines: 34 Ln: 34 Col: 2 Pos: 902 Windows (CR LF) UTF-8 INS

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E:\divyanshu collage\oobjab\New folder\CIE\Internals.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
prog21.java lab3.java lab.java week81.java labprog.java labprog1.java Student.java Internals.java Externals.java program6.java
10 System.out.print("Name : ");
11 name = inp.nextLine();
12 System.out.print("USN : ");
13 USN = inp.nextLine();
14 System.out.print("Semester : ");
15 sem = inp.nextInt();
16
17 System.out.println("Enter the marks scored in CIE : ");
18 for(int i=0;i<5;i++) {
19     System.out.print("Subject "+(i+1)+ " : ");
20     cie_marks[i] = inp.nextDouble();
21 }
22
23
24 public void printdata() {
25     System.out.println("Name : "+name);
26     System.out.println("USN : "+USN);
27     System.out.println("Semester : "+sem);
28
29     System.out.println("CIE Marks : ");
30     for(int i=0;i<5;i++) {
31         System.out.println("Subject "+(i+1)+ " : "+cie_marks[i]);
32     }
33 }
34 }

Java source file length: 901 lines: 34 Ln: 34 Col: 2 Pos: 902 Windows (CR LF) UTF-8 INS
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```
E:\divyanshu collage\oobjab\New folder\SEE\Externals.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
prog21.java lab3.java lab.java week81.java labprog.java labprog1.java Student.java Internals.java Externals.java program6.java
1 package SEE;
2 import CIE.*;
3 import java.util.Scanner;
4
5 public class Externals extends Student{
6     public double see_marks[] = new double[5];
7     public void getdata() {
8         Scanner inp = new Scanner(System.in);
9         System.out.println("Enter SEE marks of the student : ");
10        for(int i=0;i<5;i++) {
11            System.out.print("Subject "+(i+1)+ " : ");
12            see_marks[i] = inp.nextDouble();
13        }
14    }
15
16    public void printdata() {
17        System.out.println("SEE marks : ");
18        for(int i=0;i<5;i++) {
19            System.out.println("Subject "+(i+1)+ " : "+see_marks[i]);
20        }
21    }
22 }

Java source file length: 555 lines: 22 Ln: 22 Col: 2 Pos: 556 Windows (CR LF) UTF-8 INS
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E:\divyanshu collage\oobjab\New folder\program6.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
prog21.java lab3.java lab.java week81.java labprog.java labprog1.java Student.java Internals.java Externals.java program6.java
1 import CIE.*;
2 import SEE.*;
3 import java.util.Scanner;
4
5 class Program6 {
6     public static void main(String[] args) {
7         Scanner inp = new Scanner(System.in);
8         System.out.print("Number of students : ");
9         int n = inp.nextInt();
10        double total[] = new double[5];
11        Internals in[] = new Internals[n];
12        Externals ext[] = new Externals[n];
13        for(int i=0;i<n;i++) {
14            System.out.println("Student " + (i+1));
15            in[i] = new Internals();
16            ext[i] = new Externals();
17            in[i].getdata();
18            ext[i].getdata();
19
20
21        }
22
23
24        System.out.println("-----Student Details-----");
25        for(int i=0;i<n;i++) {
```

Java source file length: 883 lines: 37 Ln: 37 Col: 2 Pos: 884 Windows (CR LF) UTF-8 INS

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E:\divyanshu collage\oobjab\New folder\program6.java - Notepad++
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prog21.java lab3.java lab.java week81.java labprog.java labprog1.java Student.java Internals.java Externals.java program6.java
15
16         in[i] = new Internals();
17         ext[i] = new Externals();
18         in[i].getdata();
19         ext[i].getdata();
20
21     }
22
23
24     System.out.println("-----Student Details-----");
25     for(int i=0;i<n;i++) {
26         System.out.println("Student " + (i+1));
27         in[i].printdata();
28         ext[i].printdata();
29         System.out.println("Total Marks : ");
30         for(int j=0;j<5;j++) {
31             System.out.println("Subject " + (j+1) + " : "
32                 + (in[i].cie_marks[j] + ext[i].see_marks[j]/2));
33         }
34     }
35 }
36
37 }
38 }
```

Java source file length: 889 lines: 38 Ln: 38 Col: 2 Pos: 890 Windows (CR LF) UTF-8 INS