

## Basic Programming Practicum Assignment Jobsheet 4



**From:**

AL AZHAR RIZQI RIFA'I FIRDAUS

**Class:**

1 I

**Absence:**

01

**Major:**

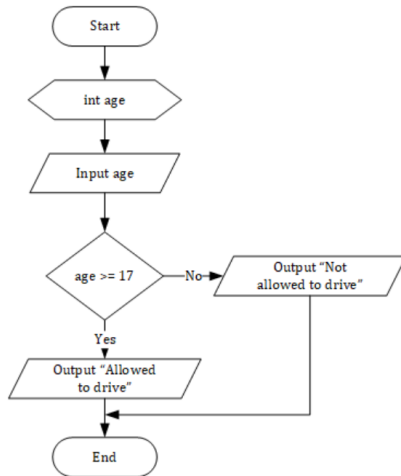
Information Technology

**Study Program:**

Informatic Engineering

## Assignment

1. Create a program to input two integers, then print the one with the largest value!
2. Observe the following flowchart!



Write program code according to the flowchart!

3. At the end of the semester a lecturer calculates the final score of students which consists of midterm exam score, final exam score, quiz scores, and assignment scores. The final score is obtained from 30% of midterm exam score, 40% of final exam score, 10% of quiz scores, and 20% of assignment scores. If the final score of the student is less than 65, then the student will get a remedy. Create a program to help determine which students get remedies based on the final score they received!

## Answer

1. Code :

```
Assignmentnum1.java > Assignmentnum1 > main(String[])
1  import java.util.*;
2
3  public class Assignmentnum1 {
4      public static void main(String[] args) {
5
6          Scanner scanner = new Scanner(System.in);
7
8          int num1, num2;
9
10         System.out.print(s: "Enter first number : ");
11         num1 = scanner.nextInt();
12         System.out.print(s: "Enter second number : ");
13         num2 = scanner.nextInt();
14
15         if (num1 > num2) {
16             System.out.println("The largest number is " + num1);
17         } else {
18             System.out.println("The largest number is " + num2);
19         }
20     }
21 }
22
23
```

Result :

```

C:\Users\AI Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Meet 5\coding>java Assignmentnum1.java
Enter first number : 11
Enter second number : 10
The largest number is 11

C:\Users\AI Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Meet 5\coding>java Assignmentnum1.java
Enter first number : 10
Enter second number : 100
The largest number is 100

C:\Users\AI Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Meet 5\coding>

```

## 2. Code :

```

Assignmentnum2.java > Assignmentnum2 > main(String[])
1  import java.util.*;
2
3  public class Assignmentnum2 {
4      public static void main(String[] args) {
5
6          Scanner scanner = new Scanner(System.in);
7
8          int age;
9
10         System.out.print(s: "Input your age : ");
11         age = scanner.nextInt();
12
13         if (age >= 17) {
14             System.out.println(x: "Allowed drive");
15         } else {
16             System.out.println(x: "Not allowed to drive");
17         }
18     }
19 }
20
21

```

## Result :

```

C:\Users\AI Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Meet 5\coding>javac Assignmentnum2.java
C:\Users\AI Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Meet 5\coding>java Assignmentnum2.java
Input your age : 18
Allowed drive

C:\Users\AI Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Meet 5\coding>

```

## 3. Code :

```

Assignmentnum3.java > Assignmentnum3 > main(String[])
Run | Debug
4  public static void main(String[] args) {
5
6      Scanner scanner = new Scanner(System.in);
7
8      String student;
9      double midterm_exam_score, final_exam_score, quiz_score, assignment_score, midterm_exam, final_exam, quiz_score;
10
11     System.out.print(s: "Enter name of student : ");
12     student = scanner.next();
13     System.out.print(s: "Enter midterm exam score : ");
14     midterm_exam_score = scanner.nextDouble();
15     System.out.print(s: "Enter final exam score : ");
16     final_exam_score = scanner.nextDouble();
17     System.out.print(s: "Enter quiz score : ");
18     quiz_score = scanner.nextDouble();
19     System.out.print(s: "Enter assignment score : ");
20     assignment_score = scanner.nextDouble();
21
22     midterm_exam = midterm_exam_score * 0.3;
23     final_exam = final_exam_score * 0.4;
24     quiz = quiz_score * 0.1;
25     assignment = assignment_score * 0.2;
26
27     result_score = midterm_exam + final_exam + quiz + assignment;
28
29     if (result_score < 65) {
30         System.out.println(student + " will get remedy");
31     } else{
32         System.out.println(student + " not remedy");
33     }
34 }

```

## Result :

```
C:\Users\Al Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Meet 5\coding>java Assignmentnum3.java
Enter name of student : azhar
Enter midterm exam score : 60
Enter final exam score : 70
Enter quiz score : 80
Enter assignment score : 90
azhar not remedy

C:\Users\Al Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Meet 5\coding>
```