

LAPORAN TUGAS
PEMROGRAMAN ALGORITMA PEMROGRAMAN
TUGAS PRATIKUM PEKAN 5

Disusun Oleh:

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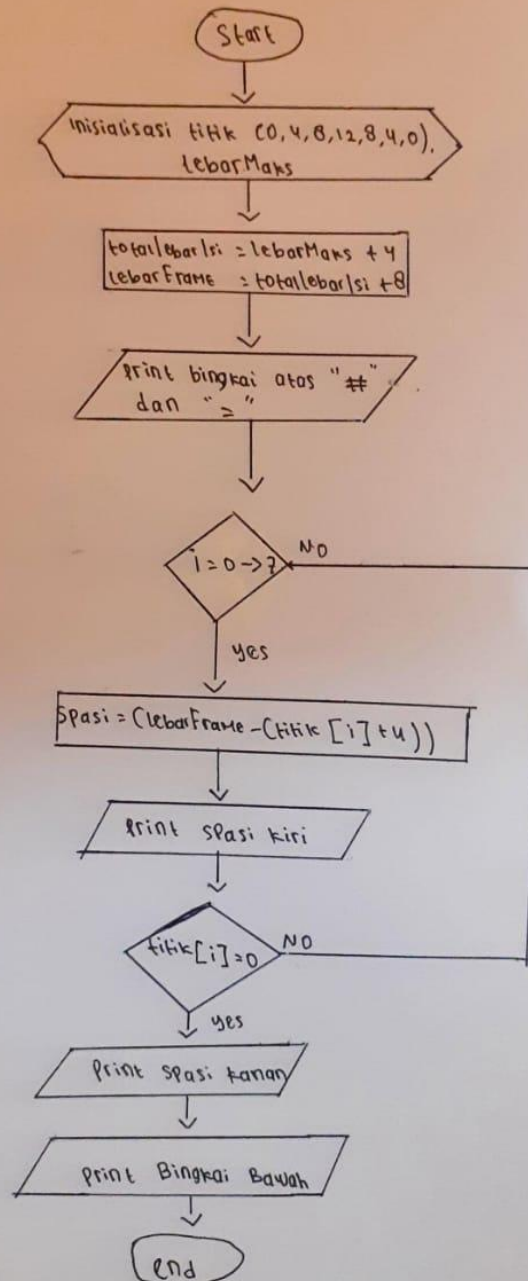
Asisten Pratikum: Rahmad Dwi Rizki Olders



DAPERTEMEN INFORMATIKA
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1. FLOWCHART

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2. PSEUDOCODE

Judul Program perulangan nestedFor
Deklarasi titik : array of integer = {0, 4, 8, 12, 8, 4, 0} lebarMaks : integer totalBaris : integer lebarFrame : integer spasi : integer i : integer
Pseudocode <ol style="list-style-type: none">totalLebarIsi = lebarMaks +4 lebarFrame = totalLebarIsi + 8print bingkai atas “#” , “=”i = 0 → 7 ?ya → spasi = (lebarFrame – (titik [i] + 4)) print spasi kiritidak → titik [i] = 0 ?ya → print spasi kanantidak → back to langkah 3print bingkai bawah

3. KODE PROGRAM

```
1 package pekan5;
2
3 public class tugasNestedFor1 {
4     public static void main(String[] args) {
5         int [] titik = {0, 4, 8, 12, 12, 8, 4, 0};
6         int lebarMaks = 12;
7         int lebarIsi = lebarMaks + 4;
8         int lebarFrame = lebarIsi + 8;
9
10        System.out.print("#");
11        for (int i = 0; i < lebarFrame; i++) {
12            System.out.print("=");
13        }
14        System.out.println("#");
15
16        for (int i=0; i< titik.length; i++) {
17            System.out.print("|");
18
19            int spasi = (lebarFrame - (titik[i] + 4)) / 2;
20            for (int s= 0; s< spasi; s++) {
21                System.out.print(" ");
22            }
23            if (titik[i] == 0) {
24                System.out.print("<><>");
25            } else {
26                System.out.print("<>");
27                for (int j = 0; j< titik[i]; j++) {
28                    System.out.print(".");
29                }
30                System.out.print("<>");
31            }
32            for (int s=0; s<spasi; s++) {
33                System.out.print(" ");
34            }
35            System.out.println("|");
36        }
37        System.out.print("#");
38        for (int i = 0; i<lebarFrame; i++) {
39            System.out.print("=");
40        }
41        System.out.println("#");
42    }
43
44 }
45
```

4. OUTPUT PROGRAM

```
<terminated> tugasNestedFor1.java Applied
#=====#
      <><>
    <>....<>
  <>.....<>
<>.....<>
<>.....<>
  <>.....<>
    <>....<>
      <><>
#=====#
```