

LAPORAN TUGAS PEKAN 5



Disusun Oleh:

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CODINGAN

```
package Pekan5;

public class belahketupat {

    public static void main(String[] args) {
        int dot = 4;
        int n = 4;

        String top = "#";
        int max = dot * n - 1;
        for (int i = 0; i < max + 1; i++) {
            top = top + "=";
        }

        top = top + "#";
        System.out.println(top);

        for (int i = 0; i < n; i++) {
            String out = "|";
            int space = (n - 1) * 2;
            for (int ii = 0; ii < space - 2 * i; ii++) {
                out = out + " ";
            }

            out = out + "<>";
            int d = dot * i;
            for (int ii = 0; ii < d; ii++) {
                out = out + ".";
            }

            out = out + "<>";
        }
    }
}
```

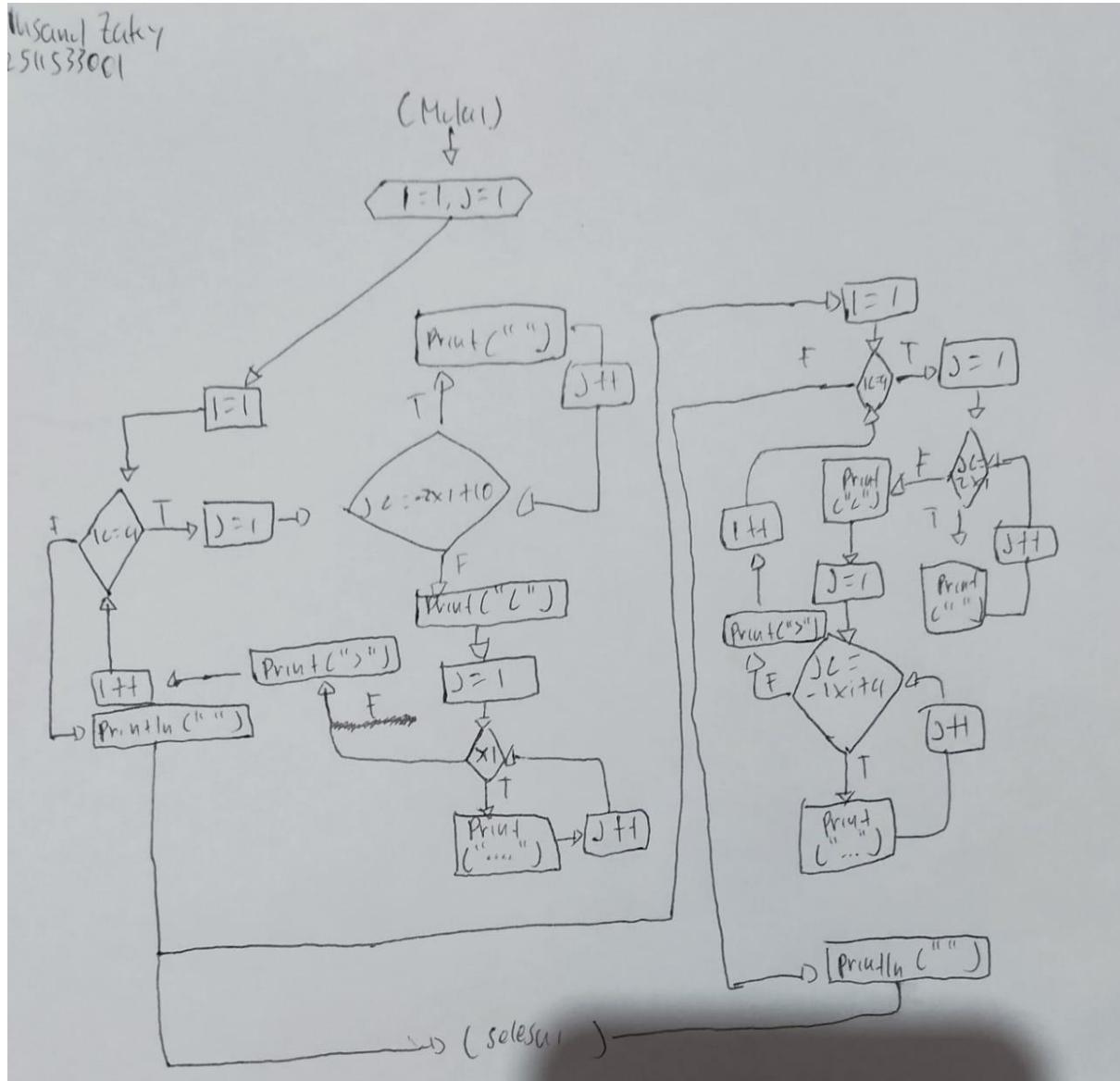
```
for (int ii = 0; ii < space - 2 * i; ii++) {  
    out = out + " ";  
}  
out = out + "|";  
  
System.out.println(out);  
}  
  
for (int i = 0; i < n; i++) {  
    String out = "|";  
    int space = 0;  
    for (int ii = 0; ii < space + 2 * i; ii++) {  
        out = out + " ";  
    }  
  
    out = out + "<>";  
    int d = dot * (n - (i + 1));  
    for (int ii = 0; ii < d; ii++) {  
        out = out + ".";  
    }  
    out = out + "<>";  
  
    for (int ii = 0; ii < space + 2 * i; ii++) {  
        out = out + " ";  
    }  
    out = out + "|";  
  
System.out.println(out);
```

}

```
String bottom = "#";  
  
// int max = dot * n - 1;  
  
for (int i = 0; i < max + 1; i++) {  
  
    bottom = bottom + "=";  
  
}  
  
bottom = bottom + "#";  
  
System.out.println(bottom);  
  
}  
  
}
```

OUTPUT

FLOWCHART



Pseudocode

Judul

Program Mencetak Pola Belah Ketupat dengan Border

(program mencetak pola belah ketupat menggunakan karakter khusus dengan border atas dan bawah)

Deklarasi

1. Var titik, ukuran, panjang, i, j, k, spasi, jumlahTitik : Integer;
2. Var garisAtas, baris, garisBawah : String;

Pseudocode

1. titik ← 4
2. ukuran ← 4
3. garisAtas ← "#"
4. panjang ← titik * ukuran - 1
5. FOR i ← 0 TO panjang DO
6. garisAtas ← garisAtas + "="
7. END FOR
8. garisAtas ← garisAtas + "#"
9. PRINT garisAtas

10. FOR i ← 0 TO ukuran-1 DO
11. baris ← "|"
12. spasi ← (ukuran - 1) * 2
13. FOR j ← 0 TO spasi - 2*i - 1 DO
14. baris ← baris + " "
15. END FOR
16. baris ← baris + "<>"
17. jumlahTitik ← titik * i
18. FOR k ← 0 TO jumlahTitik - 1 DO
19. baris ← baris + "."
20. END FOR
21. baris ← baris + "<>"
22. FOR j ← 0 TO spasi - 2*i - 1 DO
23. baris ← baris + " "
24. END FOR
25. baris ← baris + "|"

```
26. PRINT baris
27. END FOR
28. FOR i ← 0 TO ukuran-1 DO
29.   baris ← "|"
30.   spasi ← 0
31.   FOR j ← 0 TO 2*i - 1 DO
32.     baris ← baris + " "
33.   END FOR
34.   baris ← baris + "<>"
35.   jumlahTitik ← titik * (ukuran - i - 1)
36.   FOR k ← 0 TO jumlahTitik - 1 DO
37.     baris ← baris + "."
38.   END FOR
39.   baris ← baris + "<>"
40.   FOR j ← 0 TO 2*i - 1 DO
41.     baris ← baris + " "
42.   END FOR
43.   baris ← baris + "|"
44. PRINT baris
45. END FOR

46. garisBawah ← "#"
47. FOR i ← 0 TO panjang DO
48.   garisBawah ← garisBawah + "="
49. END FOR
50. garisBawah ← garisBawah + "#"
51. PRINT garisBawah
```