

TUGAS PEKAN 5 ALPRO

PERULANGAN FOR

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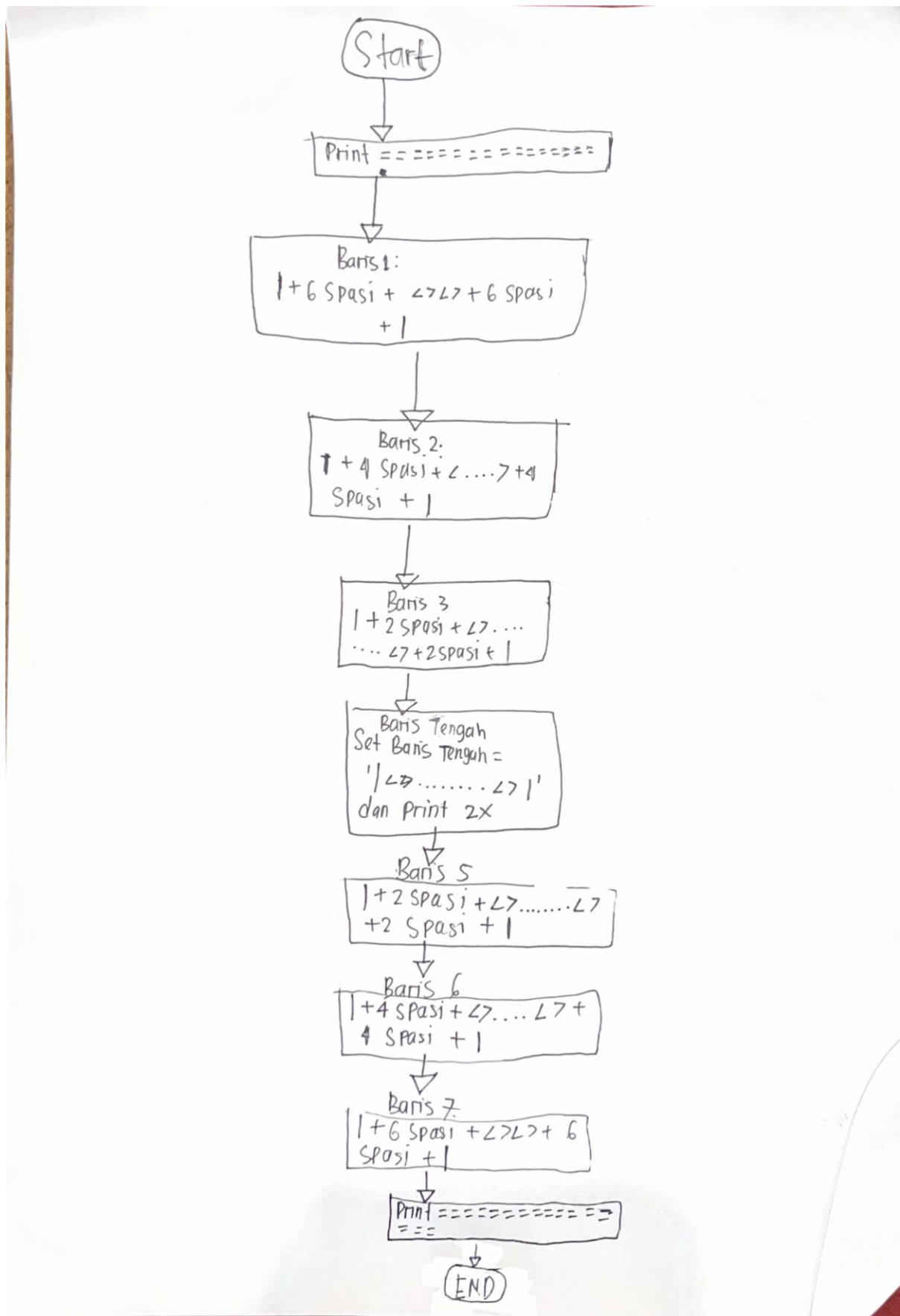
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2025

1. FLOWCHART



2. PSEUDOCODE

JUDUL	Algoritma Pola_BelahKetupat { Mencetak pola berbentuk belah ketupat di dalam bingkai menggunakan karakter khusus dengan perulangan for untuk mengatur jarak (spasi) dan simbol.}
DEKLARASI	i : integer barisTengah ; string
ALGORITMA	<ol style="list-style-type: none"> 1. Cetak "#=====#" 2. Cetak " " 3. for i ← 0 to 5 do 4. Cetak " " 5. endfor 6. Cetak "<><>" 7. for i ← 0 to 5 do 8. Cetak " " 9. endfor 10. Cetak " " dan ganti baris 11. Cetak " " 12. for i ← 0 to 3 do 13. Cetak " " 14. endfor 15. Cetak "<....>" 16. for i ← 0 to 3 do 17. Cetak " " 18. endfor 19. Cetak " " dan ganti baris 20. Cetak " " 21. for i ← 0 to 1 do 22. Cetak " " 23. endfor 24. Cetak "<.....>" 25. for i ← 0 to 1 do 26. Cetak " " 27. endfor 28. Cetak " " dan ganti baris 29. barisTengah ← " < > " 30. Cetak barisTengah

	31. Cetak barisTengah 32. Cetak " " 33. for i ← 0 to 1 do 34. Cetak " " 35. endfor 36. Cetak "<.....>" 37. for i ← 0 to 1 do 38. Cetak " " 39. endfor 40. Cetak " " dan ganti baris 41. Cetak " " 42. for i ← 0 to 3 do 43. Cetak " " 44. endfor 45. Cetak "<....>" 46. for i ← 0 to 3 do 47. Cetak " " 48. endfor 49. Cetak " " dan ganti baris 50. Cetak " " 51. for i ← 0 to 5 do 52. Cetak " " 53. endfor 54. Cetak "<<>>" 55. for i ← 0 to 5 do 56. Cetak " " 57. endfor 58. Cetak " " dan ganti baris 59. Cetak "#=====#" 60. Selesai
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KODE PROGRAM

```
1 package alprotugas;
2
3 public class TugasAlproPekan5_2511533020 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         System.out.println("#=====#");
8
9
10        System.out.print("|");
11        for (int i = 0; i < 6; i++) {
12            System.out.print(" ");
13        }
14        System.out.print("<><>");
15        for (int i = 0; i < 6; i++) {
16            System.out.print(" ");
17        }
18        System.out.println("|");
19
20
21        System.out.print("|");
22        for (int i = 0; i < 4; i++) {
23            System.out.print(" ");
24        }
25        System.out.print("<>....<>");
26        for (int i = 0; i < 4; i++) {
27            System.out.print(" ");
28        }
29        System.out.println("|");
30
31
32        System.out.print("|");
33        for (int i = 0; i < 2; i++) {
34            System.out.print(" ");
35        }
36        System.out.print("<>.....<>");
37        for (int i = 0; i < 2; i++) {
38            System.out.print(" ");
```

```
39        }
40        System.out.println("|");
41
42        String barisTengah = "|<> ..... <>|";
43        System.out.println(barisTengah);
44        System.out.println(barisTengah);
45
46        System.out.print("|");
47        for (int i = 0; i < 2; i++) {
48            System.out.print(" ");
49        }
50        System.out.print("<>.....<>");
51        for (int i = 0; i < 2; i++) {
52            System.out.print(" ");
53        }
54        System.out.println("|");
55
56
57
58        System.out.print("|");
59        for (int i = 0; i < 4; i++) {
60            System.out.print(" ");
61        }
62        System.out.print("<>....<>");
63        for (int i = 0; i < 4; i++) {
64            System.out.print(" ");
65        }
66        System.out.println("|");
67
68
69
70        System.out.print("|");
71        for (int i = 0; i < 6; i++) {
72            System.out.print(" ");
73        }
74        System.out.print("<><>");
75        for (int i = 0; i < 6; i++) {
76            System.out.print(" ");
```

```

77         }
78         System.out.println("|");
79
80
81         System.out.println("#=====");
82     }
83 }
84

```

HASIL OUTPUT

```

<terminated> TugasAlproPekan5_2511533020 [Jav
#=====
|
|  <><>
|  <>...<>
|  <>.....<>
|<> ..... <>
|<> ..... <>
|  <>.....<>
|  <>...<>
|  <><>
|
#=====

```