Nama : PUTRI ZULFIATURRIZKI
NIM : 20090138
Kelas : 2D

~ ALGORITMA DAN STRUKTUR DATA ~

∴ Tugas 1. Pengayaan Looping dan Array.

a.) Sebutkan struktur java pada kode program (Nested Looping dan Array).

1. Nested Loop.
   - Deklarasi Package : (Package Nested Looping;)
   - Impor Library : (tidak ada.)
   - Bagian Class. : (Public class no2 {)
   - Method main : (public static void main (string [] args) {)
   - Documentation Section (tidak ada)

2. Array menggunakan Looping.
   - Deklarasi package (tidak ada)
   - Impor Library (tidak ada)
   - Bagian Class (Public class arraypengulangan3 {)
   - Method main (public static void main (String args []) {)
   - Documentation Section. (// panjang array 3)

b.) Berilah penjelasan pada program.

1. Nested Loop.

NO	Penjelasan.	Output.
1.	X=0; 0≤4 → T; lanjut ke looping dacam.	
2.	y=0; 0≤0 → F; stop looping dalam.	
3.	print ()	Enter baris
4.	X++; X = 0+1 = 1; 1≤4 → T; lanjut looping dacam.	
5.	y = 0. 0<1 → T; print 1	1
	y++; y = 0+1 = 1; 1<1 → F; stop looping dacam.	
6.	print ()	Enter baris
7.	X++; X = 1+1 = 2; 2≤4 → T; lanjut looping dacam.	
8.	y=0; 0<2 → T; print 2	2

10.	X++; X = 2+1 = 3; 3 ≤ 4 → T; lanjut looping dalam.	
11.	y=0; 0 < 3 → T; print 3	3
	y++; y = 0+1 = 1; 1 < 3 → T; print 3	33
	y++; y = 1+1 = 2; 2 < 3 → T; print 3	333
✓	y++; y = 2+1 = 3; 3 < 3 → F; Stop looping dalam.	
12.	Print ()	Enter baris.
13.	X++; X = 3+1 = 4; 4 ≤ 4 → T; lanjut looping dalam.	
14.	y=0; 0 < 4 → T; print.	4
	y++; y = 0+1 = 1; 1 < 4 → T; Print 4;	44
	y++; y = 1+1 = 2; 2 < 4 → T; print 4;	444
	y++; y = 2+1 = 3; 3 < 4 → T; print 4;	4444
	y++; y = 3+1 = 4; 4 < 4 → F; stop looping dalam.	
15.	Print ()	Enter baris.

2. Array.

NO	Penjelasan.	Output.
1.	i = 0; 0 < 3 → T; print i = 0; indeks [0]	indeks ke 0 = Reinan
2.	i++; i = 0+1 = 1; 1 < 3 → T; print i = 1; indeks [1]	Indeks 1 = Odena
3.	i++; i = 1+1 = 2; 2 < 3 → T; print i = 2; indeks [2]	Indeks 2 = Geanno.
4.	i ++; i = 2+1 = 3; 3 < 3 → F; stop looping.	