

## 1) Nested Loop

a. Deklarasi Package : Package Nested Looping

- Import Library : Tidak ada
- Bagian Class : Public class no2
- Method main : Public Static Void main (String [] args) { ... }
- Documentation Section : Tidak ada

• Penjelasan Idanya Program

NO	Pengelasan	OutPut
1	$x = 0; 0 < 4 \rightarrow T$ , Lanjut ke dalam Looping	
2	$y = 0; 0 < 0 \rightarrow F$ , Stop Looping dalam	
3	PrintLn ()	enter baris
4	$x++$ , $x = 0 + 1 = 1$ , $1 < 4 \rightarrow T$ , Lanjut ke dalam Looping	
5	$y = 0$ , $0 < 1 \rightarrow T$ , Print (x)	1
6	$y++$ , $y = 0 + 1 = 1$ , $1 < 1 \rightarrow F$ , maka Stop Looping	
7	PrintLn ()	enter baris
8	$x++$ , $x = 1 + 1 = 2$ , $2 < 4 \rightarrow T$ , Lanjut ke dalam Looping	
9	$y = 0$ , $0 < 2 \rightarrow T$ , PrintLn (x)	2
10	$y++$ , $y = 0 + 1 = 1$ , $1 < 2 \rightarrow T$ , Print (x)	2 2
11	$y++$ , $y = 1 + 1 = 2$ , $2 < 2 \rightarrow F$ , Stop looping dalam	
12	PrintLn ()	enter baris
13	$x++$ , $x = 2 + 1 = 3$ , $3 < 4 \rightarrow T$ , Lanjut looping dalam	
14	$y = 0$ , $0 < 3 \rightarrow T$ , Print (x)	3
15	$y++$ , $y = 0 + 1 = 1$ ; $1 < 3 \rightarrow T$ , Print (x)	3 3
16	$y++$ , $y = 1 + 1 = 2$ ; $2 < 3 \rightarrow T$ , Print (x)	3 3 3
17	$y++$ , $y = 2 + 1 = 3$ ; $3 < 3 \rightarrow F$ , Stop looping dalam	ent
18	PrintLn ()	enter baris
19	$x++$ , $x = 3 + 1 = 4$ ; $4 < 4 \rightarrow T$ , Lanjut looping dalam	
20	$y = 0$ , $0 < 4 \rightarrow T$ , Print (x)	4
21	$y++$ , $y = 0 + 1 = 1$ ; $1 < 4 \rightarrow T$ , Print (x)	4 4
22	$y++$ , $y = 1 + 1 = 2$ ; $2 < 4 \rightarrow T$ , Print (x)	4 4 4
23	$y++$ , $y = 2 + 1 = 3$ ; $3 < 4 \rightarrow T$ , Print (x)	4 4 4
24	$y++$ , $y = 3 + 1 = 4$ ; $4 < 4 \rightarrow F$ , Stop Looping dalam	
25	PrintLn ()	enter baris
26	$x++$ , $x = 4 + 1 = 5$ ; $5 < 4 \rightarrow F$ , Program Selesai	



## 2) Array menggunakan Looping

- Deklarasi Package : Tidak ada
- Import Library : Tidak ada
- Bagian Class : `Public class Perulangan - 3 E-...`
- Method main : `Public Static Void main (String [] args) E-...`
- Documentation Section : `// Panjang Array 3`

### • Penjelasan Jalannya Program

No	Penjelasan	Output
1	$1 = 0, 0 < 3 \rightarrow T$	Reinon
2	<code>Println ("Indeks ke " + i + " = " + Siswa [i])</code>	
3	$1++ , 1 = 0 + 1 = 1, 1 < 3 \rightarrow T$	Odena
4	<code>Println ("Indeks ke " + i + " = " + Siswa [i])</code>	
5	$1++ , 1 = 1 + 1 = 2, 2 < 3 \rightarrow T$	Geramo
6	<code>Println ("Indeks ke " + i + " = " + Siswa [i])</code>	
7	$1++ , 1 = 2 + 1 = 3, 3 < 3 \rightarrow F, \text{Program Selesai}$	