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1 Nested loop

2 Package Nested\_Looping;

3 Public Static Void main (String [] args){

4 int x, y;

5 For (x=0; x<=4; x++) {

6 For (y=0; y<x; y++) {

7 System.out.Print (x);

8 }

9 System.out.Print (x);

10 }

11 }

12 }

13

1 Array menggunakan looping

2 Public class arrayPenulangan\_3 {

3 Public Static Void main (String [] args) {

4 String [] siswa = {"Reinan", "Odona", "Geanno"};

5 // panjang array 3

6 For (int i=0; i<siswa.length; i++) {

7 System.out.println("Indeks ke " + i + " = " + mahasiswa

8 [i]);

9 }

10 }

11 }



A.	Kode	Nested Looping	Array
	Deklari Package	Package Nested_Looping	-
	Impor Library	-	-
	Barisan Class	Public Class No 2	Public Class array
			Perulangan_3
	Method main	Public Static void main (String [] args) {	Public Static void main (String [] args) {
	Documentation Section	-	// Panjang array 3

B. Jalannya kode Program.

NO	Pengelasan Nested Looping	Output
1	$x = 0$ ; $0 < 4 \rightarrow \text{True}$ ; lanjut ke looping dalam	
2	$y = 0$ ; $0 < 6 \rightarrow \text{False}$ ; Stop	
3	Print ()	Enter baris
4	$x++$ ; $x = 0 + 1 = 1$ ; $1 < 4 \rightarrow \text{True}$ ; lanjut	
5	$y = 0$ ; $0 < 1 \rightarrow \text{True}$ ; Print 1	1
6	$y++$ ; $y = 0 + 1 = 1$ ; $1 < 1 \rightarrow \text{False}$ ; Stop	
7	Print ()	Enter baris
8	$x++$ ; $x = 1 + 1 = 2$ ; $2 < 4 \rightarrow \text{True}$ ; lanjut	
9	$y = 0$ ; $0 < 2 \rightarrow \text{True}$ ; Print 2	2
10	$y++$ ; $y = 0 + 1 = 1$ ; $1 < 2 \rightarrow \text{True}$ ; print 2	2 2
11	$y++$ ; $y = 1 + 1 = 2$ ; $2 < 2 \rightarrow \text{False}$ ; Stop	
12	Print ()	Enter baris



13	$x++$ ; $x = 2+1 = 3$ ; $3 < 4 \rightarrow \text{true}$ ; lanjut	
14	$y = 0$ ; $0 < 3 \rightarrow \text{true}$ ; Print 3	3
15	$y++$ ; $y = 0+1 = 1$ ; $1 < 3 \rightarrow \text{true}$ ; Print 3	3 3
16	$y++$ ; $y = 1+1 = 2$ ; $2 < 3 \rightarrow \text{true}$ ; Print 3	3 3 3
17	$y++$ ; $y = 2+1 = 3$ ; $3 < 3 \rightarrow \text{false}$ ; Stop	
18	Print()	Enter baris
19	$x++$ ; $x = 3+1 = 4$ ; $4 < 4 \rightarrow \text{true}$ ; <del>Print</del>	
20	$y = 0$ ; $0 < 4 \rightarrow \text{true}$ ; Print 4	4
21	$y++$ ; $y = 0+1 = 1$ ; $1 < 4 \rightarrow \text{true}$ ; Print 4	4 4
22	$y++$ ; $y = 1+1 = 2$ ; $2 < 4 \rightarrow \text{true}$ ; Print 4	4 4 4
23	$y++$ ; $y = 2+1 = 3$ ; $3 < 4 \rightarrow \text{true}$ ; Print 4	4 4 4 4
24	$y++$ ; $y = 3+1 = 4$ ; $4 < 4 \rightarrow \text{false}$ ; Stop	

No	Pengelasan Array	outPut
1.	$i = 0$ ; $0 < 3 \rightarrow \text{true}$ ; Print mahasiswa[0]	Indeks ke 0 = Reinan
2.	$i++$ ; $i = 0+1 = 1$ ; $1 < 3 \rightarrow \text{true}$ ; Print siswa [1]	Indeks ke 1 = Odenna
3.	$i++$ ; $i = 1+1 = 2$ ; $2 < 3 \rightarrow \text{true}$ ; Print siswa [2]	Indeks ke 2 = Geahno
4.	$i++$ ; $i = 2+1 = 3$ ; $3 < 3 \rightarrow \text{false}$ ; Stop	-