Desty Nurul Anitsa
20090139
2c

Tugas I

Pengayaan Looping dan Array

a) Menyebutkan Struktur pada Java

> Nested Loop

→ Deklarasi package
   package Nested Looping ;
→ Bagian class
   public class no2 {
→ Methode main
   public static void main (String [] args) {

> Array

→ Bagian class
   public class arrayPerulangan_3 {
→ Methode Main
   public static void main (String [] args) {
→ Documentation section
   // panjang aray

b) Jalannya code program

> Nested Loop

No	Penjelasan	Output
1	$X=0$; $0 \leq 9 \Rightarrow T$ (true) ; Lanjut ke looping dalam	
2.	$Y=0$; $0 \leq 0 \Rightarrow T$; Print 0	0
3.	$y++$; $y : 0+1 : 1$; $1 \leq 0 \Rightarrow F$; Stop looping dalam	
4.	print ()	Enter baris
5.	$X++$; $x : 0+1$; $1 \leq 9 \Rightarrow T$; Lanjut ke looping dalam	
6.	$y : 0$; $0 \leq 1 \Rightarrow T$; print 1	
	$y++$; $y: 0+1:1$; $1 \leq 1 \Rightarrow T$; print 1	} 11
	$y++$; $y: 1+1: 2$; $2 \leq 1 \Rightarrow F$; Stop looping dalam	
7.	print ()	Enter baris
8.	$X++$; $x : 1+1 : 2$; $2 \leq 9 \Rightarrow T$; Lanjut looping dalam	
9.	$y:0$; $0 \leq 2 \Rightarrow T$; print 2	
	$y++$; $y: 0+1 : 1$; $1 \leq 2 \Rightarrow T$; print 2	} 222
	$y++$; $y: 1+1 : 2$; $2 \leq 2 \Rightarrow T$; print 2	

	$y++$; $y: 2+1: 3$; $3 \le 2 \Rightarrow F$; Stop looping dalam	
10.	print ()	Enter baris
11.	$x++$; $x: 2+1: 3$; $3 \le 4 \Rightarrow T$; lanjut looping dalam	
12.	$y: 0$; $0 \le 3 \Rightarrow T$; print 3	
	$y++$; $y: 0+1: 1$; $1 \le 3 \Rightarrow T$; print 3	
	$y++$; $y: 1+1: 2$; $2 \le 3 \Rightarrow T$; print 3	3333
	$y++$; $y: 2+1: 3$; $3 \le 3 \Rightarrow T$; print 3	
	$y++$; $y: 3+1: 4$; $4 \le 3 \Rightarrow F$; Stop looping dalam	
13.	print ()	Enter baris
14.	$x++$; $x: 3+1: 4$; $4 \le 4 \Rightarrow T$; lanjut looping dalam	
15.	$y: 0$; $0 \le 4 \Rightarrow T$; print 4	
	$y++$; $y: 0+1: 1$; $1 \le 4 \Rightarrow T$; print 4	
	$y++$; $y: 1+1: 2$; $2 \le 4 \Rightarrow T$; print 4	44444
	$y++$; $y: 2+1: 3$; $3 \le 4 \Rightarrow T$; print 4	
	$y++$; $y: 3+1: 4$; $4 \le 4 \Rightarrow T$; print 4	
	$y++$; $y: 4+1: 5$; $5 \le 4 \Rightarrow F$; Stop looping dalam	
16.	print ()	Enter baris

Output
0
11
222
3333
44444

•) Array

NO	penjelasan	Output
1.)	$i: 0$; $0 < 3 \Rightarrow T$; print $i: 0$ siswa [0]	Indeks ke $0 =$ Reinan
2.)	$i++$; $i: 0+1: 1$; $1 < 3 \Rightarrow T$; print $i: 1$ siswa [1]	Indeks ke 1 = Odena
3.	$i++$; $i: 1+1: 2$; $2 < 3 \Rightarrow T$; print $i: 2$ siswa [2]	Indeks ke 2 = Geanno