Nama   : Dian Islamiyati
Kelas   : 2B
NIM   : 20090004
Matkul   : Algoritma dan Struktur Data 2

Tugas 1 : Looping dan Array

a.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 array Perjuangan3 {

- Method Main
  Public static void main (string args[]) {
- Documentation Section
  // panjang array 3

1 b Nested Loop

No	Penjelasan	Output
1.	x = 0; 0 <= 4 -> T, lanjut looping dalam	
2.	y = 0; 0 < 0 -> F, stop looping dalam	
3.	print ()	
4.	x++; x = 0+1 = 1, 1 <= 4 -> T, lanjut	
5.	y = 0; y = 0, 0<1 -> T, print 0	0
6.	y++ ; y = 0+1 = 1, 1 < 1 -> F, stop looping	
7.	Print ()	enter baris
8.	x++ ; x = 1+1 = 2, 2 <= 4 -> T, lanjut	
9.	y=0 ; y=0, 0<2 -> True, print 0	0
10	y++ ; y=0+1 =1, 1<2 -> True, print 1	0 1
11.	y++ ; y=1+1 =2, 2<2 -> False, stop	
12	print ()	enter baris
13	x++ ; x=2+1= 3, 3<=y -> True, lanjut	
14	y=0 ; y=0 < 3 -> True, print 0	0
15	y++ ; y = 0+1 =1, <3 -> True, Print 1	0 1
16	y++ ; y=1 +1 = 2, 2<3 -> True, print 2	0 1 2
17	y++ ; y = 2+1=3, 3<3 -> False, stop	
18	print ()	enter baris
19	x++ ; x=3 +1= 4 , 4 <= 4 -> True, lanjut	
20	y=0; y =0<4 -> true, print 0	0
21	y++ ; y=0 +1 =1, 1<4 -> True, print 1	0 1
22	y++; y = 1+1=2, 2<4 -> True, print 2	0 1 2
23	y++ ; y= 2+1=3, 3<4 -> True, print 3	0 1 2 3
24	y++ ; y = 3+1 =4, 4 <4 -> False, stop	

25	print ()	enter baris
26	x++ ; x = 4+1 = 5, 5 < y = F berhenti	

2 b Array meng

No	Penjelasan	Output
1.	i = 0; 0 < 3 → T; print mahasiswa[0]	Reinan
2.	i++; i = 0+1 = 1; 1 < 3 → T; print [i]	Odena
3.	i++; i = 1+1 = 2; 2 < 3 → T; print [2]	Geanno
4.	i++; i = 2+1 = 3; 3 < 3 → F; perulangan berhenti	