

Nama: Mohammad Akbar Fauzi

Kelas 2A

Nim 20090088

## Tugas 1 Pengulangan Looping dan Array

### 1. Nested Loop

Package Nested Looping;

Public Class No2 {

Public Static Void Main (String[] args) {

Int x,y;

for (x=0; x <= 4; x++) {

for (y=0; y <= 4; y++) {

System.out.println(x);

}

System.out.println();

}

}

}

### 2. Array menggunakan looping

Public Class Array Perulangan\_3 {

Public Static Void Main (String args[]) {

String[] siswa = { "Reza", "Adela", "Geanza" }; // Pangkat array 3

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

System.out.println ("index ke " + i + " = " + siswa[i]);

}

}

}

JAWABAN

A. Tentukan bagian-bagian berikut

⇒ Bagian yang merupakan Deklarasi Package

= Package Nested Looping;

⇒ Import library

= Paket dan kelas yang terdapat bagian (refer library)



⇒ Basic Class

```
Public class No2 {
```

```
    Public Static Void Main (String[] args) {
```

```
        Int x, y;
```

```
        For (x=0; x<=9; x++) {
```

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

```
                System.out.Print (x);
```

```
            }
```

```
        System.out.Printin ( );
```

```
    }
```

```
}
```

```
}
```

```
Public class arrayperulangan_3 {
```

```
    Public Static Void Main (String args[]) {
```

```
        String [] Siswa = {"Reimon", "Adena", "Geanno"}; // Pangang array
```

```
        For (int i=0; i<Siswa.length; i++) {
```

```
            System.out.Printin ("Index ke " + i + " = " + Mahasiswa [i]);
```

```
        }
```

```
}
```

```
}
```

⇒ Method Main

```
Public Static Void Main (String[] args) {
```

```
    Int x, y;
```

```
    For (x=0; x<=9; x++) {
```

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

```
            System.out.Print (x);
```

```
        }
```

```
    System.out.Printin ( );
```

```
}
```

```
}
```

```
Public Static Void Main (String args[]) {
```

```
    String [] Siswa; {"Reimon", "Adena", "Geanno"}; // Pangang array
```

```
    For (int i=0; i<Siswa.length; i++) {
```

```
        System.out.Printin ("Index ke " + i + " = " + Mahasiswa [i]);
```

```
    }
```

```
}
```



## Praktikum Section

### Praktikum array 3

#### 5. Penjelasan program kode program

No	Penjelasan	Keluaran
1.	<code>x=0,0&lt;4 maka true, lalu lanjut ke looping data</code>	
2.	<code>y=0,0&lt;0 maka false, Stop looping data</code>	Enter baris
3.	<code>Print()</code>	
4.	<code>x++; x=0+1=1; 1&lt;4 maka true, lalu lanjut looping data</code>	1
5.	<code>y=0,0&lt;1 maka true; print 1</code>	
6.	<code>y++; y=0+1=1; 1&lt;1 maka false, Stop looping data</code>	Enter baris
7.	<code>Print()</code>	
8.	<code>x++; x=0+1+1=2; 2&lt;4 maka true; Print 2 lanjut looping data</code>	2
9.	<code>y=0,0&lt;2 maka true; Print 2</code>	2
10.	<code>y++; y=0+1+1=2; 2&lt;2 maka true; print 2 lanjut looping</code>	
11.	<code>y++; y=0+1+1=2; 2&lt;2 maka false; Stop looping data</code>	Enter baris
12.	<code>Print()</code>	
13.	<code>x++; x=0+1+1+1=3; 3&lt;4 maka true; lanjut looping data</code>	3
14.	<code>y=0; 0&lt;3 maka true; print 3</code>	3
15.	<code>y++; y=0+1+1=2; 1&lt;3 maka true; print 3 lanjut looping</code>	3
16.	<code>y++; y=0+1+1=2; 2&lt;3 maka true; Print 3 lanjut looping</code>	
17.	<code>y++; y=0+1+1+1=3; 3&lt;3 maka false; Stop looping data</code>	Enter baris
18.	<code>Print()</code>	
19.	<code>x++; x=0+1+1+1+1=4; 4&lt;4 maka true, lalu lanjut looping data</code>	4
20.	<code>y=0; 0&lt;4 maka true, Print 4</code>	4
21.	<code>y++; y=0+1+1=2; 1&lt;4 maka true; print 4 lanjut looping</code>	4
22.	<code>y++; y=0+1+1+1=3; 2&lt;4 maka true; print 4 lanjut looping</code>	4
23.	<code>y++; y=0+1+1+1+1=4; 3&lt;4 maka true; lanjut looping</code>	4
24.	<code>y++; y=0+1+1+1+1+1=5; 4&lt;4 maka false; Stop looping data</code>	Enter baris
	<code>Print()</code>	

No	Penjelasan	Keluaran
1.	<code>{0; 0&lt;3 maka T; Print siswa[0]}</code>	index ke 0: Reiman
2.	<code>{++; i=0+1=1; 1&lt;3 maka true; Print siswa[1]}</code>	index ke 1: Adela
3.	<code>{++; i=0+1+1=2; 2&lt;3 maka true; Print siswa[2]}</code>	index ke 2: Geanno
4.	<code>{++; i=0+1+1+1=3; 3&lt;3 maka false; Stop looping</code>	
5.		