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### TUGAS 1 PENGAYAAN LOOPING DAN ARRAY

Tugas 1 Pengayaan Looping dan Array

1. a) - Deklarasi Package : package Nested Looping;

• Import Library : -

• Bagian Class :

```
public class no2 {  
    public static void main (String [] args) {  
        int x, y;  
        for (x=0; x<=4; x++) {  
            for (y=0; y<x; y++) {  
                system.out.print(x);  
            }  
            system.out.println ();  
        }  
    }  
}
```

- Method Main :

```
public static void main (string [] args) {  
    int x, y;  
    for (x=0; x<=4; x++) {  
        for (y=0; y<x; y++) {  
            system.out.print(x);  
        }  
        system.out.println ();  
    }  
}
```

KIKY

- Documentation Section : -	
	Output
b) Penjelasan	
1. $x = 0; 0 < 4 \rightarrow T$ ; lanjut ke looping dalam	
2. $y = 0; 0 < 0 \rightarrow T$ ; print 0	0
3. $y++; y = 0 + 1 = 1; 1 < 0 \rightarrow F$ , stop looping dalam	
4. print()	enter baris
5. $x++; x = 0 + 1 = 1; 1 < 4 \rightarrow T$ ; lanjut looping dalam	
6. $y = 0; 0 < 1 \rightarrow T$ ; print 0	0
7. $y++; y = 0 + 1 = 1; 1 < 1 \rightarrow T$ ; print 1	0 1
8. $y++; y = 1 + 1 = 2; 2 < 1 \rightarrow F$ , stop looping dalam	
9. print()	enter baris
10. ...	...
dst Dijelaskan hingga output menjadi 01234	01234

2. a) - Deklarasi Package : -  
 - Import Library : -  
 - Bagian Class :

```

public class arrayPerulangan_3 {
    public static void main (String args []) {
        String [] siswa = {"Reinan", "Odena", "Geanno"};
        for (int i = 0; i < siswa.length; i++) {
            System.out.println("Index ke " + i + " = " + siswa[i]);
        }
    }
}

```

- Method Main :

```

public static void main (String args []) {
    String [] siswa = {"Reinan", "Odena", "Geanno"};
    for (int i = 0; i < siswa.length; i++) {
        System.out.println ("Index ke " + i + " = " + siswa[i]);
    }
}

```

- Documentation Section :

// Panjang Array 3

b) <u>Pengelasan</u>	Output
1. $i=0; 0 < 3 \rightarrow T; \text{print mahasiswa}[0]$	Reinan
2. $i++; i=0+1=1; 1 < 3 \rightarrow T; \text{print mahasiswa}[1]$	Odena
3. $i++; i=1+1=2; 2 < 3 \rightarrow T; \text{print mahasiswa}[2]$	Geanno
4. selesai.	