No.
Date

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1. Nested Loop

a. - Deklarasi Package → Package Nested Looping;
- Impor library → Tidak ada
- Bagian Class → Public class no2{ } ← main
- Method Main →

```
Pubic 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();
}
}
```

- Documentation section → Tidak ada

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b. Jalannya Program Nested Loop

NO	Penjelasan	OUTPUT
1	x = 0; 0 <= 4 -> T; lanjut ke looping dalam	
2	Y = 0; 0 < 4 -> F;	
3	y++; Y = 0+1 = 1; 1 < 0 -> False	kosong
4	Print()	Enter baris
5	x++; X = 0+1 = 1; 1 <= 4 -> T; looping dalam	
6	Y = 0; 0 < 1; -> T; Print 0	0
7	y++; Y = 0+1 = 1; 1 < 1 -> F, Stop looping dalam	
8	Print()	Enter baris
9	x++; X = 1+1 = 2; 2 <= 4 -> T; loping dalam	
10	Y = 1; 1 < 2; -> T; Print 1	01
11	y++; X = 1+1 = 2; 2 < 2 -> F, stop loping dalam	
12	Print()	Enter baris
13	x++; X = 2+1 = 3; 3 <= 4 -> T; looping dalam	
14	Y = 2; 2 < 3; -> T; Print 2	012
15	y++; Y = 2+1 = 3; 3 < 3 -> F, stop loopingdlm	
16	Print()	enter baris
17	x++; X = 3+1 = 4; 4 <= 4 -> T; looping dlm	
18	Y = 3; 3 < 4; -> T; Print 3	0123
19	y++; Y = 3+1 = 4; 4 < 4 -> F: stop looping dlm	
20	Print()	Enter baris
21	x++; X = 4+1 = 5; 5 <= 4 -> F,	
22	Maka stop looping semoanya (berhenti)	

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2. Array Menggunakan looping

a. - Deklarasi Package -> Tidak ada
   - Import library -> Tidak ada
   - Bagian Class -> Public class arrayPerulangan_3{ main
   - Method Main ->

```
Public static void main(String[] args){
String[] siswa ={"Reinan", "Odena", "Geänno"}; // Pjg array 3
 For(int i=0; i< siswa.length; i++){
 System.out.Println("Indeks ke" + i + "=" + Mahasiswa
 );
    }
  }
}
```

b. - Documentation section -> // Panjang array 3

2.b Penjelasan jalannya program

Penjelasan	Output
i = 0 ; 0 < 3 -> T ; Print mahasiswa [0]	indeks ke 0 = Reinan
i++ ; i = 0 + 1 = 1 ; 1 < 3 -> T ; Print mahasiswa [1]	indeks ke 1 = Odena
i++ ; i = 1 + 1 = 2 ; 2 < 3 -> T ; print mahasiswa [2]	indeks ke 2 = Geanno
i++ ; i = 2 + 1 = 3 ; 3 < 3 -> F ; operasi berhenti	