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2.) •> Deklarasi Package → Nested Looping → Package Nested_Looping;

Array → tidak terlihat

•> Impor Library → Tidak ada

•> Bagian Class

Nested → 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 ();
```

Array → Public class array

```
public static void main (String args []) {
String [] siswa = ("Reinan", "Odena", "Geanna"); //panjang array 3
for (int i = 0; i <siswa.lengthi; i++) {
System.out.println ("Indeks ke" + i++ + "=" + mahasiswa [i]);
```

•> Method main

Nested → 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 ();
```

Array → Public static void main (String args []) {

```
String [] siswa = ("Reinan", "Odena", "Geanna"); //panjang array 3
for (int i =0; i <siswa.lengthi; i++) {
System.out.println ("Indeks ke" + i++ + "=" + mahasiswa [i]);
```

•> Documentation Section → Nested Looping → tidak ada

→ Array → // panjang array 3

b.1) 1.) x=0; 0≤4; → T lanjut ke looping dalam

2.) y=0; 0<0; → F stop looping dalam

print ( ) Enter baris

x++; x=0+1=1; 1≤4 → T lanjut ke looping dalam

y=0; 0<1 ⇒ T; print x 1

y++; y=0+1; 1<1 ⇒F stop looping dalam

print ( ) Enter baris

x++; x=1+1=2; 2≤4 → T lanjut ke looping dalam

y=0; 0<2 ⇒T; print x 2

y++; y=0+1=1; 1<2 → T; print x 22

y++; y=1+1=2; 2<2 → F stop looping dalam

print ( ) Enter baris

x++; x=2+1; 3≤4 → T lanjut ke looping dalam

y=0; 0<3 ⇒ T; print x 3

y++; y=0+1=1; 1<3 → T 3 3

y++; y=1+1=2; 2<3 → T 3 3 3

y++; y=2+1=3; 3<3 → F stop looping dalam

print ( ) Enter baris

x++; x=3+1=4; 4≤4 → T lanjut ke looping dalam

y=0; 0<4 ⇒ T; print x 4

y++; y=0+1=1; 1<4 → T 4 4

y++; y=1+1=2; 2<4 → T 4 4 4

y++; y=2+1=3; 3<4 → T 4 4 4 4

y++; y=3+1=4; 4<4 → F stop looping dalam

print( ) Enter baris

x++; x=4+1=5; 5<4 → F stop looping dalam

Output

1	1	1	1
22	22	22	22
333	333	333	333
4444	4444	4444	4444

b.2.)

i=0; 0<3 ⇒T; print "Indeks ke "+i+" = "siswa[i]	indeks ke 0 = rehan
i++; i=0+1; <3 ⇒T; print "Indeks ke "+i+" = "siswa[i]	indeks ke 1 = odena
i++; i=1+1=2; <3 ⇒T; print "Indeks ke "+i+" = "siswa[i]	indeks ke 2 = teanno
i++; i=2+1=3; 3<3 ⇒F; print "Indeks ke "+i+" = "siswa[i]	