

Nama : Hildan Rizky Ramadhan

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Kelas : 2 A

a.1 Nested loop

- Deklarasi package : Package Nested looping
- Import library : tidak ada
- Bagian class : public class no 2
- Method main : public static void main (String[] args) { ...
- Documentation Section : tidak ada

i.2 Array looping

- Deklarasi package : tidak ada
- Import library : tidak ada
- Bagian class : public class array perulangan_s
- Method main : public static void main (String[] args) { ...
- Documentation Section : // panjang array 3

b 1) Nested loop

Output

- $x = 0, 0 < 4 \rightarrow \text{True}$ maka input looping dalam
- $y = 0, 0 < 0 \rightarrow \text{false}$, maka stop looping dalam
- `println()`
- $x++$, $x = 0 + 1 = 1, 1 < 4 \rightarrow \text{True}$, maka lanjut looping dalam
- $y = 0, 0 < 1 \rightarrow \text{True}$, `print(x)` 1
- $y++$, $y = 0 + 1 = 1, 1 < 1 \rightarrow \text{false}$, maka stop looping dalam
- `println()`
- $x++$, $x = 1 + 1 = 2, 2 < 4 \rightarrow \text{True}$, maka lanjut looping dalam
- $y = 0, 0 < 2 \rightarrow \text{True}$, `print(x)` 2
- $y++$, $y = 0 + 1 = 1, 1 < 2 \rightarrow \text{True}$, `print(x)` 2 2
- $y++$, $y = 1 + 1 = 2, 2 < 2 \rightarrow \text{false}$, maka stop looping dalam
- `println()`
- $x++$, $x = 2 + 1 = 3, 3 < 4 \rightarrow \text{True}$, maka lanjut looping dalam
- $y = 0, 0 < 3 \rightarrow \text{True}$, `print(x)` 3
- $y++$, $y = 0 + 1 = 1, 1 < 3 \rightarrow \text{True}$, `print(x)` 3 3
- $y++$, $y = 1 + 1 = 2, 2 < 3 \rightarrow \text{True}$, `print(x)` 3 3 3
- $y++$, $y = 2 + 1 = 3, 3 < 3 \rightarrow \text{false}$, maka stop looping dalam
- `println()`
- $x++$, $x = 3 + 1 = 4, 4 < 4 \rightarrow \text{True}$, maka lanjut looping dalam
- $y = 0, 0 < 3 \rightarrow \text{True}$, `print(x)` 4
- $y++$, $y = 0 + 1 = 1, 1 < 4 \rightarrow \text{True}$, `print(x)` 4 4
- $y++$, $y = 1 + 1 = 2, 2 < 4 \rightarrow \text{True}$, `print(x)` 4 4 4
- $y++$, $y = 2 + 1 = 3, 3 < 4 \rightarrow \text{True}$, `print(x)` 4 4 4 4
- $y++$, $y = 3 + 1 = 4, 4 < 4 \rightarrow \text{false}$, maka stop looping dalam
- `println()`
- $x++$, $x = 4 + 1 = 5, 5 < 4 \rightarrow \text{false}$ program selesai

b 2) array looping

- $i = 0, 0 < 3 \rightarrow \text{True}$
- `println(" Indeks ke " + i + " = " + siswa[i])` 0 = Rivan
- $i++$, $i = 0 + 1 = 1, 1 < 3 \rightarrow \text{True}$
- `println()` 1 = Odan
- $i++$, $i = 1 + 1 = 2, 2 < 3 \rightarrow \text{True}$
- `println()` 2 = beamo
- $i++$, $i = 2 + 1 = 3, 3 < 3 \rightarrow \text{false}$, program selesai