



File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help Pengantar_Pemrograman - Apache NetBeans L... Search (Ctrl+I)

<default config> 304.8/345.0MB

Pro... X Files Services

- CekGenapGanjil.java
- FaktorialWhile.java
- KasirSederhana.java
- KonversiSuhu.java
- LoopingBilanganPascal.java
- LuasPersegiPanjang.java
- NilaiHurufMahasiswa.java
- Pajak.java
- Pembayaran.java
- Pengantar_Pemrograman
- RataRataNilai.java
- helloJava.java
- penjumlahanDuaBuahB
- sortingBubbleSort.java

sortingBubbleSort - N... X

Members

- sortingBubbleSort
- sortingBubbleSort()
- bubbleSort(int[] arr)
- main(String[] args)
- tampilkanArray(int[] arr)

Source History

```
33 bubbleSort(data);
34
35 System.out.println("\nData setelah diurutkan (Ascending):");
36 tampilanArray(data);
37 }
38
39 public static void bubbleSort(int[] arr) {
40     int n = arr.length;
41     boolean swapped;
42
43     // Proses Bubble Sort
44     for (int i = 0; i < n - 1; i++) {
45         swapped = false;
46
47         for (int j = 0; j < n - 1 - i; j++) {
48             if (arr[j] > arr[j + 1]) {
49                 // Tukar elemen
50                 int temp = arr[j];
51                 arr[j] = arr[j + 1];
52                 arr[j + 1] = temp;
53                 swapped = true;
54             }
55         }
56
57         // Jika tidak ada pertukaran, array sudah urut
58     }
59 }
```

com.mycompany.pengantar_pemrograman.sortingBubbleSort

Output - Run (sortingBubbleSort)

» | skip non existing resourceDirectory C:\Users\kensh\OneDrive\Dokumen\NetBeansProjects\Pengantar_Pemrograman\src\main\resources

Run (sortingBubbleSort) X (1 more...) 68:2 INS Windows (CRLF)

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help Pengantar_Pemrograman - Apache NetBeans I... Search (Ctrl+I)

<default config> 242.3/345.0MB

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Source History

```
55 }
56
57 // Jika tidak ada pertukaran, array sudah urut
58 if (!swapped) break;
59 }
60 }
61
62 public static void tampilkanArray(int[] arr) {
63     for (int i : arr) {
64         System.out.print(i + " ");
65     }
66     System.out.println();
67 }
68 }
69
70
```

com.mycompany.pengantar_pemrograman.sortingBubbleSort

Output - Run (sortingBubbleSort) X

>> | skip non existing resourceDirectory C:\Users\kensh\OneDrive\Dokumen\NetBeansProjects\Pengantar_Pemrograman\src\main\resources

Run (sortingBubbleSort) X (1 more...) 68:2 INS Windows (CRLF)

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help Pengantar_Pemrograman - Apache NetBeans I... Search (Ctrl+I)

<default config> 199.2/404.0MB

Pro... X Files Services ...

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sortingBubbleSort - N... X

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Source History

```
43 // Proses Bubble Sort
44 for (int i = 0; i < n - 1; i++) {
45     swapped = false;
46
47     for (int j = 0; j < n - 1 - i; j++) {
48         if (arr[j] > arr[j + 1]) {
```

com.mycompany.pengantar_pemrograman.sortingBubbleSort

Output - Run (sortingBubbleSort) X

```
--- exec:3.1.0:exec (default-cli) @ Pengantar_Pemrograman ---
Masukkan jumlah elemen array: 5
Masukkan elemen-elemen array:
Elemen ke-1: 10
Elemen ke-2: 15
Elemen ke-3: 20
Elemen ke-4: 25
Elemen ke-5: 30

Data sebelum diurutkan:
10 15 20 25 30

Data setelah diurutkan (Ascending):
10 15 20 25 30

BUILD SUCCESS

Total time: 15.402 s
Finished at: 2025-11-15T21:09:28+07:00
```

Run (FaktorialWhile) X 68.2 INS