

```
import java.util.Scanner;

public class sortingBubbleSort {

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);

        System.out.print("Masukkan jumlah elemen array: ");
        int n = input.nextInt();

        int[] data = new int[n];

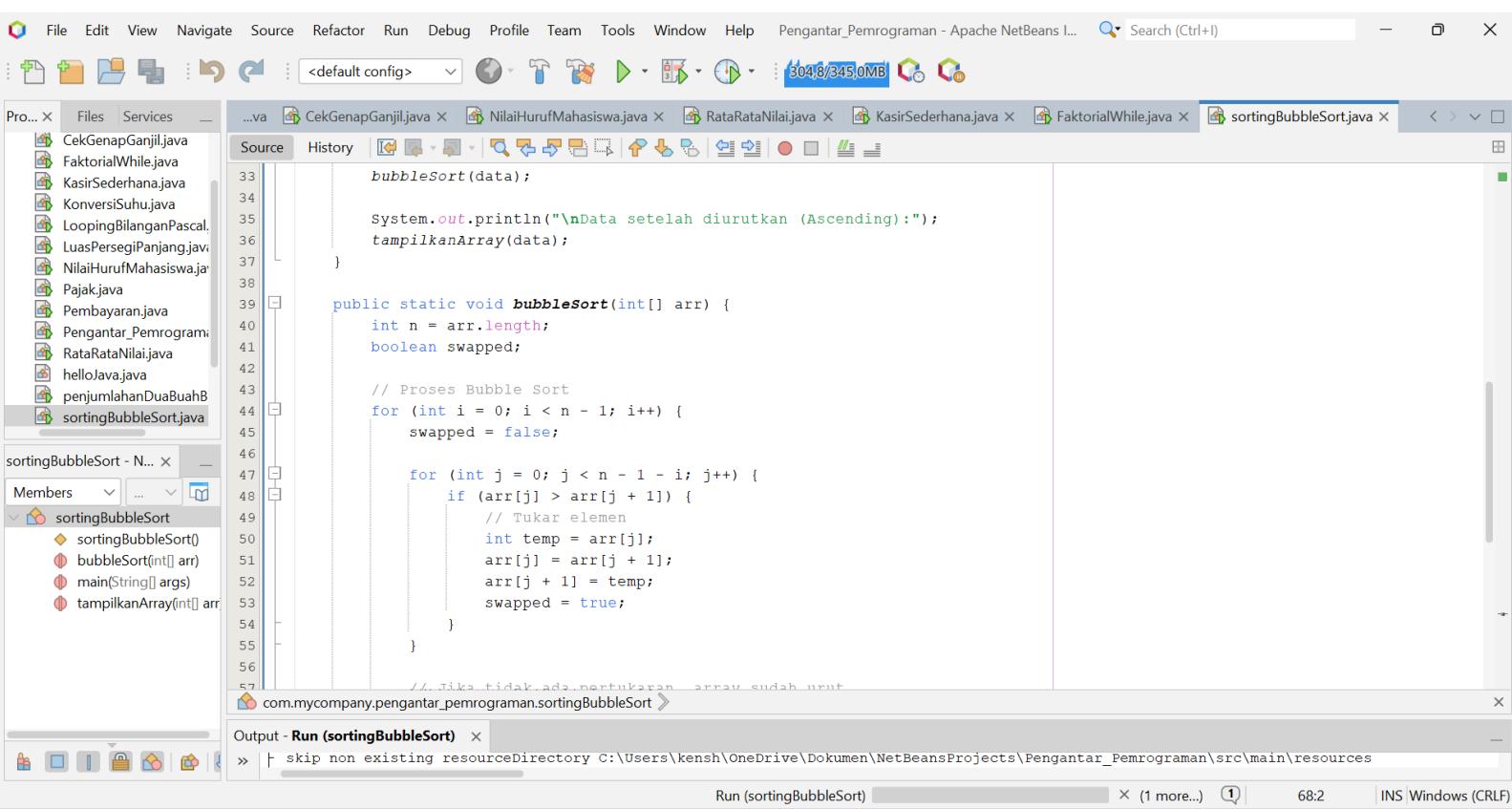
        System.out.println("Masukkan elemen-elemen array:");
        for (int i = 0; i < n; i++) {
            System.out.print("Elemen ke-" + (i + 1) + ": ");
            data[i] = input.nextInt();
        }

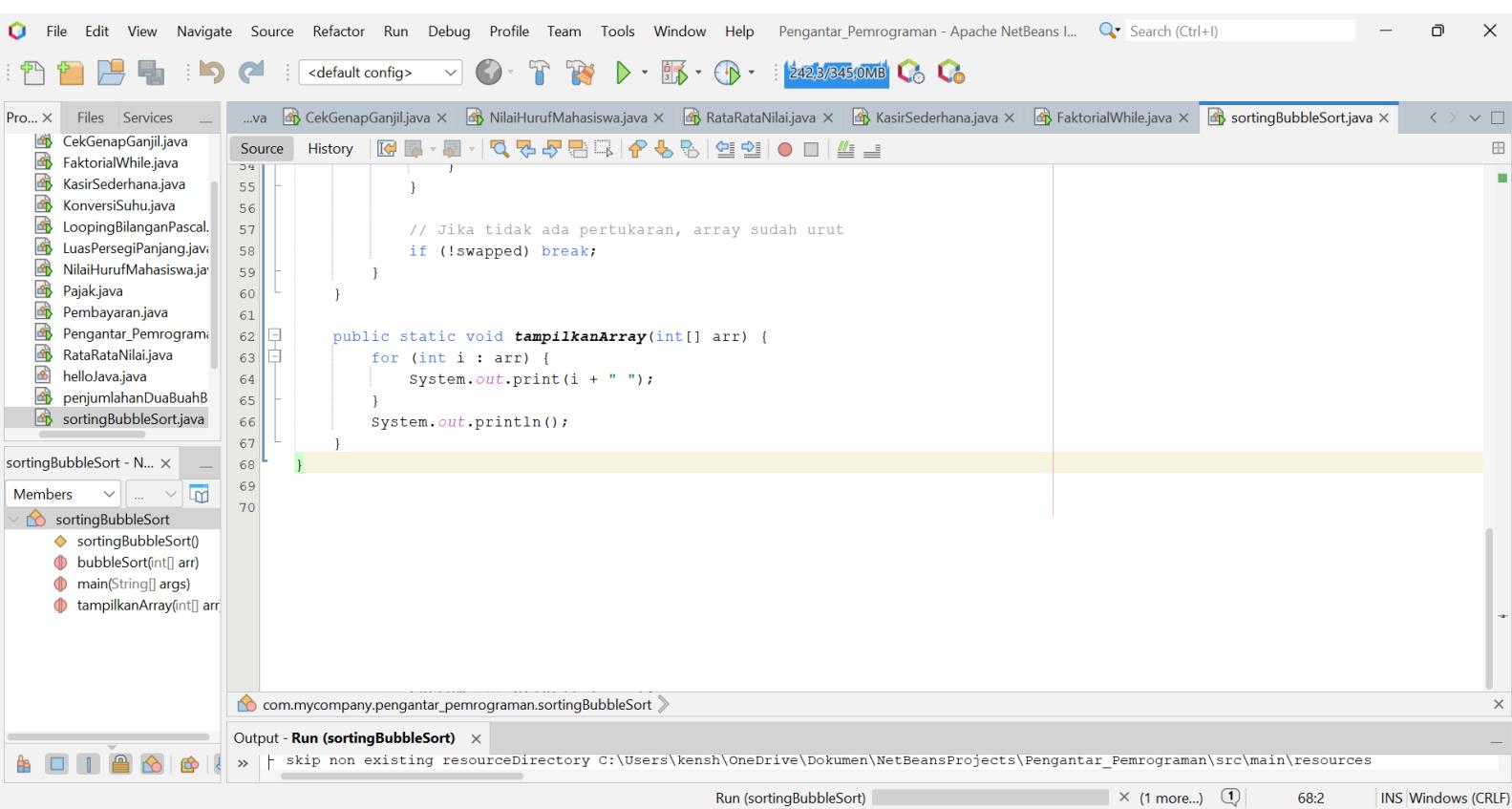
        System.out.println("\nData sebelum diurutkan:");
        tampilanArray(data);

        bubbleSort(data);
    }
}
```

Output - Run (sortingBubbleSort) x

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





The screenshot shows the Apache NetBeans IDE interface with the following details:

- File Menu:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Toolbar:** Standard NetBeans toolbar with icons for new, open, save, cut, copy, paste, etc.
- Project Explorer:** Shows a Java project named "sortingBubbleSort" containing several files: CekGenapGanjil.java, FaktorialWhile.java, KasirSederhana.java, KonversiSuhu.java, LoopingBilanganPascal.java, LuasPersegiPanjang.java, NilaiHurufMahasiswa.java, Pajak.java, Pembayaran.java, Pengantar_Pemrograman.java, RataRataNilai.java, helloJava.java, penjumlahanDuaBuahB.java, and sortingBubbleSort.java.
- Code Editor:** Displays the "sortingBubbleSort.java" file with the following code:

```
for (int i = 0; i < n - 1; i++) {
    swapped = false;

    for (int j = 0; j < n - 1 - i; j++) {
        if (arr[j] > arr[j + 1]) {
```
- Output Window:** Shows the execution of the program:

```
--- 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
-----
```
- Status Bar:** Run (FaktorialWhile), 1 error, 68:2, INS.