```java
import java.util.*;
public class Main
{
    public static void main(String[] args) {
        int[] arr = {9, 7, 4, 6, 3, 2, 8, 0, 5};
        sort(arr);
        for(int i = 0; i < arr.length; i++)
            System.out.print(arr[i] + " ");
    }

    public static void sort(int[] arr) {
        int n = arr.length;
        for(int itr = 1; itr <= n - 1; itr++) {
            for(int j = 0; j < n - itr; j++) {
                if(arr[j] > arr[j + 1]) {
                    swap(arr, j, j + 1);
                }
            }
        }
    }

    public static void swap(int[] arr, int i, int j) {
        int temp = arr[i];
        arr[i] = arr[j];
        arr[j] = temp;
    }
}
```

Array sort (arr)

Bubble Sort

Selection

Homework → 80%

Loop

swap

5 < 2 → false

Sorting

Bubble Sort

Dry run

[9, 7, 4, 6, 3, 2, 8, 0, 5]

→ 8.55

Stack case

reading → x → python → 5 that case

else