**package** activity;

**import** java.util.Arrays;

**class** Activity4 {

**static** **void** ascendingSort(**int**[] array) {

**int** size = array.length;

**for** (**int** i = 0; i < size - 1; i++) {

**for** (**int** j = 0; j < size - i - 1; j++) {

**if** (array[j] > array[j + 1]) {

// swap array[j] and array[j+1]

**int** temp = array[j];

array[j] = array[j + 1];

array[j + 1] = temp;

}

}

}

}

**public** **static** **void** main(String[] args) {

**int**[] data = {10, 1, 4, 8, 3};

*ascendingSort*(data);

System.***out***.println("sort by ascending order: ");

System.***out***.println(Arrays.*toString*(data));

}

}