

Practice Problems

1. Sort an array of integers in ascending order using bubble sort, but stop the sorting process if the array is already sorted and count the numbers of sorting

2. Given an array of integers, find the median using selection sort. The first line of the input will contain the number of elements in the array and the second line of the input will contain the elements in the array. [5]

Sample Input:

11

1, 3, 2, 0, 10, 7, 4, 8, 9, 6, 5

Output: 5

3. Sort an array of even and odd integers in such a way that even integers come first in ascending order, followed by odd integers in descending order

Sample Input:

7

3 1 5 2 8 9 11

Output:

2 8 11 9 5 3 1

