Testing

input: 1 3 5 4 -5 100 7777 2014 0

expected output: true -5 0 1 3 4 5 100 2014 7777

output: true -5 0 1 3 4 5 100 2014 7777

input: 0 3 5 4 -5 100 7777 2014

expected output: false -5 0 3 4 5 100 2014 7777

output:
                        false -5 0 3 4 5 100 2014 7777

input: -5 -8 -4 -2 -1

expected output: false -8 -5 -4 -2 -1

output: false -8 -5 -4 -2 -1

input:
                    1 5 7 9 10 222 -2
expected output: true -2 1 5 7 9 10 222

output: true -2 1 5 7 9 10 222

                        2 3 4 5 10 1 2 2
input:

expected output: true 1 2 2 2 3 4 5 10

output:
                        true 1 2 2 2 3 4 5 10