# JS Essentials Retake - 06 August 2019

Exam problems for the [JavaScript Essentials course @ SoftUni](https://softuni.bg/courses/js-essentials). Submit your solutions in the SoftUni Judge system at <https://judge.softuni.bg/Contests/Practice/Index/1769#1>.

## Problem 2. Find the Special Subsequence

Your task is to find the longest special subsequence in the given array.

The special subsequence is a sequence, which contains **negative-positive-negative** or **positive-negative-positive** numbers **in that order**. If there are 2 special sequences with **equal** length get the **first one**.

### Input

An array - contains the given numbers from the sequence.

### Output

If there is **no** special subsequence print: **"In {sequence} no special sequence is found"**

Otherwise show each of the elements in that sequence separated with **comma** and **single** **space** (**", "**)

**"The longest sequence is {sequence}"**

### Note:

**0 (zero)** is neither positive nor negative number, so it always **breaks the sequence**

### Examples

|  |  |  |
| --- | --- | --- |
| ****Input**** | ****Output**** | ****Comment**** |
| **[1, -2, 1, -1, 2, 1, -1]** | **The longest sequence is 1, -2, 1, -1, 2** | There are 2 special subsequences. The first contains 5 numbers, the second containes 2 numbers, so we print the length of the first one. |
| [-1, -1, -1, 1, -1] | The longest sequence is -1, 1, -1 |  |
| **[1, 2, 3, 4, 5]** | **In 1, 2, 3, 4, 5 no special sequence is found** |  |