

Problem Challenge 3

We'll cover the following

- Minimum Window Sort (medium)
- Try it yourself

Minimum Window Sort (medium)

Given an array, find the length of the smallest subarray in it which when sorted will sort the whole array.

Example 1:

```
Input: [1, 2, 5, 3, 7, 10, 9, 12]
Output: 5
Explanation: We need to sort only the subarray [5, 3, 7, 10, 9] to make the whole array sorted
```

Example 2:

```
Input: [1, 3, 2, 0, -1, 7, 10]
Output: 5
Explanation: We need to sort only the subarray [1, 3, 2, 0, -1] to make the whole array sorted
```

Example 3:

```
Input: [1, 2, 3]
Output: 0
Explanation: The array is already sorted
```

Example 4:

```
Input: [3, 2, 1]
Output: 3
Explanation: The whole array needs to be sorted.
```

Try it yourself

Try solving this question here:

 Java

 Python3

 JS

 C++

```
1 class ShortestWindowSort {
2
3     public static int sort(int[] arr) {
4         // TODO: Write your code here
5         return -1;
6     }
7 }
```

Test

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