

5940. Removing Minimum and Maximum From Array

[My Submissions \(/contest/weekly-contest-269/problems/removing-minimum-and-maximum-from-array/submissions/\)](/contest/weekly-contest-269/problems/removing-minimum-and-maximum-from-array/submissions/)

[Back to Contest \(/contest/weekly-contest-269/\)](/contest/weekly-contest-269/)

You are given a **0-indexed** array of **distinct** integers `nums`.

There is an element in `nums` that has the **lowest** value and an element that has the **highest** value. We call them the **minimum** and **maximum** respectively. Your goal is to remove **both** these elements from the array.

A **deletion** is defined as either removing an element from the **front** of the array or removing an element from the **back** of the array.

Return the **minimum** number of deletions it would take to remove **both** the minimum and maximum element from the array.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

Input: `nums = [2,10,7,5,4,1,8,6]`

Output: 5

Explanation:

The minimum element in the array is `nums[5]`, which is 1.

The maximum element in the array is `nums[1]`, which is 10.

We can remove both the minimum and maximum by removing 2 elements from the front and 3 elements from the back.

This results in $2 + 3 = 5$ deletions, which is the minimum number possible.

Example 2:

Input: `nums = [0,-4,19,1,8,-2,-3,5]`

Output: 3

Explanation:

The minimum element in the array is `nums[1]`, which is -4.

The maximum element in the array is `nums[2]`, which is 19.

We can remove both the minimum and maximum by removing 3 elements from the front.

This results in only 3 deletions, which is the minimum number possible.

Example 3:

Input: `nums = [101]`

Output: 1

Explanation:

There is only one element in the array, which makes it both the minimum and maximum element.

We can remove it with 1 deletion.

Constraints:

- $1 \leq \text{nums.length} \leq 10^5$
- $-10^5 \leq \text{nums}[i] \leq 10^5$
- The integers in `nums` are **distinct**.

JavaScript



```
1 /**
2  * @param {number[]} nums
3  * @return {number}
4  */
5 var minimumDeletions = function(nums) {
6
7   };
```