Problem 2733: Neither Minimum nor Maximum

Problem Information

Difficulty: Easy
Acceptance Rate: 76.25%
Paid Only: No
Tags: Array, Sorting

Problem Description

Given an integer array `nums` containing **distinct** **positive** integers, find and return **any** number from the array that is neither the **minimum** nor the **maximum** value in the array, or **`-1`** if there is no such number.

Return _the selected integer._

Example 1:

Input: nums = [3,2,1,4] **Output:** 2 **Explanation:** In this example, the minimum value is 1 and the maximum value is 4. Therefore, either 2 or 3 can be valid answers.

Example 2:

Input: nums = [1,2] **Output:** -1 **Explanation:** Since there is no number in nums that is neither the maximum nor the minimum, we cannot select a number that satisfies the given condition. Therefore, there is no answer.

Example 3:

Input: nums = [2,1,3] **Output:** 2 **Explanation:** Since 2 is neither the maximum nor the minimum value in nums, it is the only valid answer.

Constraints:

* `1 <= nums.length <= 100` * `1 <= nums[i] <= 100` * All values in `nums` are distinct

Code Snippets

C++:

```
class Solution {
public:
int findNonMinOrMax(vector<int>& nums) {

}
};
```

Java:

```
class Solution {
public int findNonMinOrMax(int[] nums) {

}
}
```

Python3:

```
class Solution:
def findNonMinOrMax(self, nums: List[int]) -> int:
```