153. Find Minimum in Rotated Sorted Array (Medium)

You are given an array of length n which was originally sorted in ascending order. It has now been rotated between 1 and n times. For example, the array nums = [1,2,3,4,5,6] might become:

[3,4,5,6,1,2] if it was rotated 4 times. [1,2,3,4,5,6] if it was rotated 6 times.

- [3,4,5,6,1,2] if it was rotated 4 times.
- [1,2,3,4,5,6] if it was rotated 6 times.

Notice that rotating the array 4 times moves the last four elements of the array to the beginning. Rotating the array 6 times produces the original array.

Assuming all elements in the rotated sorted array nums are unique, return the minimum element of this array.

A solution that runs in O(n) time is trivial, can you write an algorithm that runs in O(log n) time?

Example 1:

```
Input: nums = [3,4,5,6,1,2]
```

Output: 1

Example 2:

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

Output: 0

Example 3:

```
Input: nums = [4,5,6,7]
```

Output: 4

Constraints:

```
1 <= nums.length <= 1000</li>
1000 <= nums[i] <= 1000</li>
▼ 思路:
    作法一:紀錄比對r與mid,確認最小值範圍
    T:O(n), S:O(1)
```

```
作法一
```