Solution

Friday, 12 May 2023   11:59 PM

nums = [3, 4, 5, 1, 2]

```
nums = [3,4,5,1,2]
def solution(nums):
    res = nums[0]
    l, r = 0, len(nums)-1
    while l <= r:
        if nums[l] < nums[r]:
            res = min(res, nums[l])
            break
        m = (l + r) // 2
        res = min(res, nums[m])

        if nums[m] >= nums[l]:
            l = m + 1
        else:
            r = m - 1
    return res
print(solution(nums))
```

→ given array

→ initially let's say 1st element is smallest

→ defining the left & right pointers

→ means when array is already sorted

→ calculating mid pointer

when array is not sorted

→ when mid element is greater than the left one