

## 462. Minimum Moves to Equal Array Elements II

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Given a **non-empty** integer array, find the minimum number of moves required to make all array elements equal, where a move is incrementing a selected element by 1 or decrementing a selected element by 1.

You may assume the array's length is at most 10,000.

### Example:

**Input:**

[1,2,3]

**Output:**

2

**Explanation:**

Only two moves are needed (remember each move increments or decrements one element):

[1,2,3] => [2,2,3] => [2,2,2]

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```
1 class Solution(object):
2     def minMoves2(self, nums):
3         """
4         :type nums: List[int]
5         :rtype: int
6         """
7         import numpy as np
8         median=np.median(nums)
```

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```
9  
10 return int(sum(abs(x-median) for x in nums))
```

Notes

Custom Testcase ☐

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