

# 453. Minimum Moves to Equal Array Elements

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

[Notes](#)

## Example:

### Input:

[1,2,3]

### Output:

3

### Explanation:

Only three moves are needed (remember each move increments two elements):

[1,2,3] => [2,3,3] => [3,4,3] => [4,4,4]

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```
1 class Solution(object):
2     def minMoves(self, nums):
3         """
4         :type nums: List[int]
5         :rtype: int
6         """
7         #find the element with max value
8         return sum(nums) - len(nums) * min(nums)
```

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