

# Minimum Cost to Move Chips to The Same Position

Leetcode 1217

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# 문제

## 1217. Minimum Cost to Move Chips to The Same Position

Easy



1312



184



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We have  $n$  chips, where the position of the  $i^{\text{th}}$  chip is `position[i]`.

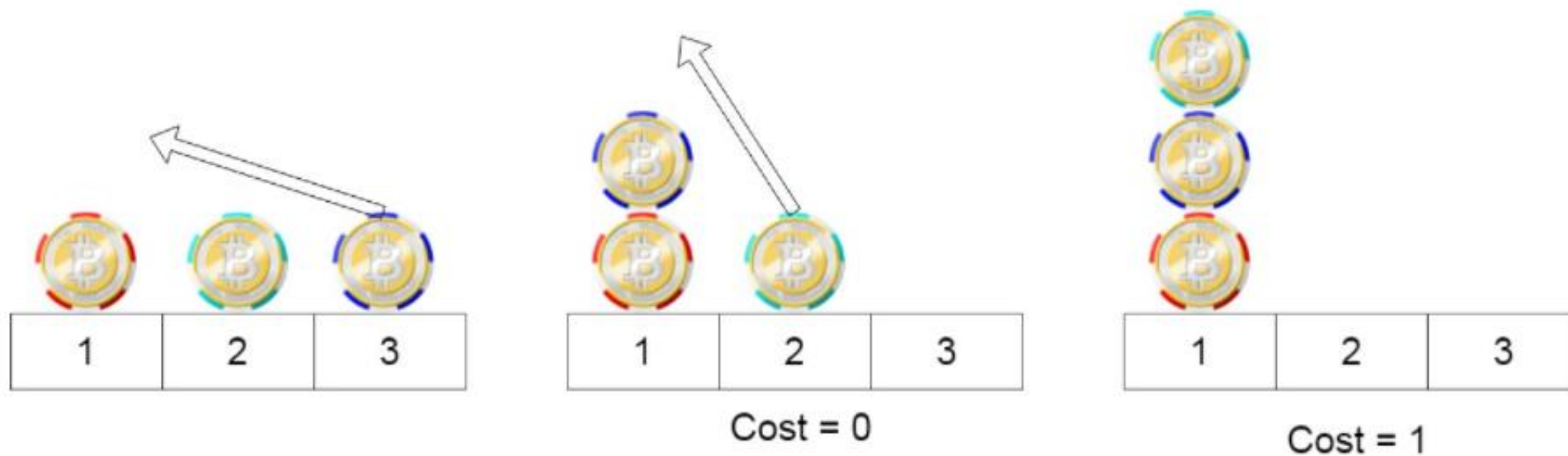
We need to move all the chips to **the same position**. In one step, we can change the position of the  $i^{\text{th}}$  chip from `position[i]` to:

- `position[i] + 2` or `position[i] - 2` with `cost = 0`.
- `position[i] + 1` or `position[i] - 1` with `cost = 1`.

Return *the minimum cost* needed to move all the chips to the same position.

# 문제

Example 1:



**Input:** position = [1,2,3]

**Output:** 1

**Explanation:** First step: Move the chip at position 3 to position 1 with cost = 0.

Second step: Move the chip at position 2 to position 1 with cost = 1.

# 구현

```
class Solution:
    def minCostToMoveChips(self, position: List[int]) -> int:
        one = 0
        zero = 0
        for i in position:
            if(i % 2 != 0): // 나누어 떨어지지않을때
                one+=1
            else:
                zero+=1

        return min(one, zero) // 최솟값 출력
```

**감사합니다.**