There are some chips, and the i-th chip is at position chips[i].

You can perform any of the two following types of moves **any number of times** (possibly zero) **on any chip**:

* Move the i-th chip by 2 units to the left or to the right with a cost of **0**.
* Move the i-th chip by 1 unit to the left or to the right with a cost of **1**.

There can be two or more chips at the same position initially.

Return the minimum cost needed to move all the chips to the same position (any position).

**Example 1:**

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

**Output:** 1

**Explanation:** Second chip will be moved to positon 3 with cost 1. First chip will be moved to position 3 with cost 0. Total cost is 1.

**Example 2:**

**Input:** chips = [2,2,2,3,3]

**Output:** 2

**Explanation:** Both fourth and fifth chip will be moved to position two with cost 1. Total minimum cost will be 2.

**Constraints:**

* 1 <= chips.length <= 100
* 1 <= chips[i] <= 10^9