You are given an integer array cards where cards[i] represents the **value** of the ith card. A pair of cards are **matching** if the cards have the **same** value.

Return*the****minimum****number of****consecutive****cards you have to pick up to have a pair of****matching****cards among the picked cards.* If it is impossible to have matching cards, return -1.

**Example 1:**

**Input:** cards = [3,4,2,3,4,7]

**Output:** 4

**Explanation:** We can pick up the cards [3,4,2,3] which contain a matching pair of cards with value 3. Note that picking up the cards [4,2,3,4] is also optimal.

**Example 2:**

**Input:** cards = [1,0,5,3]

**Output:** -1

**Explanation:** There is no way to pick up a set of consecutive cards that contain a pair of matching cards.

**Constraints:**

* 1 <= cards.length <= 105
* 0 <= cards[i] <= 106