

765. Couples Holding Hands

Description

There are n couples sitting in $2n$ seats arranged in a row and want to hold hands.

The people and seats are represented by an integer array `row` where `row[i]` is the ID of the person sitting in the i^{th} seat. The couples are numbered in order, the first couple being $(0, 1)$, the second couple being $(2, 3)$, and so on with the last couple being $(2n - 2, 2n - 1)$.

Return *the minimum number of swaps so that every couple is sitting side by side*. A swap consists of choosing any two people, then they stand up and switch seats.

Example 1:

Input: `row = [0,2,1,3]`
Output: 1
Explanation: We only need to swap the second (`row[1]`) and third (`row[2]`) person.

Example 2:

Input: `row = [3,2,0,1]`
Output: 0
Explanation: All couples are already seated side by side.

Constraints:

- $2n == \text{row.length}$
- $2 \leq n \leq 30$
- n is even.
- $0 \leq \text{row}[i] < 2n$
- All the elements of `row` are unique.

