

HW6_Dessert_Desert

Assignment Requirement:

Your program will take an integer arrays as input.

Please return **the maximum possible number** of blocks in a valid partitioning.

A valid partitioning of the integer array is defined as follows.

- The numbers are split into *blocks* — groups of **consecutive** numbers. The block_{i,j} consists of number n_i, n_{i+1}, \dots, n_j . A block can have only a single number.
- Every number belongs to one block only.
- The partitioning should satisfy the condition that after each block is sorted, the whole sequence becomes sorted as well.

Input: [[1, 1, 1, 1, 1, 1, 1],
 [1, 3, 5, 7, 9],
 [1, 2, 3],
 [5, 4, 3, 2, 1],
 [2, 1, 3, 2]]

Output: [7, 5, 3, 1, 2]