Maximum Length of Pair Chain

You are given an array of n pairs pairs where pairs[i] = [$left_i$, $right_i$] and $left_i$ < $right_i$.

A pair p2 = [c, d] **follows** a pair p1 = [a, b] if b < c. A **chain** of pairs can be formed in this fashion.

Return *the length longest chain which can be formed*.

You do not need to use up all the given intervals. You can select pairs in any order.

Example 1:

Input: pairs = [[1,2],[2,3],[3,4]]

Output: 2

Explanation: The longest chain is [1,2] -> [3,4].

Example 2:

Input: pairs = [[1,2],[7,8],[4,5]]

Output: 3

Explanation: The longest chain is [1,2] -> [4,5] -> [7,8].

Constraints:

- n == pairs.length
- 1 <= n <= 1000
- -1000 <= $left_i$ < $right_i$ <= 1000