

646. Maximum Length of Pair Chain

Description

You are given an array of n pairs `pairs` where `pairs[i] = [lefti, righti]` and `lefti < righti`.

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 <= lefti < righti <= 1000`

