>	≥ Proble	em List	<	>	> \$			Run	Č	Submit	Ø			88	£6
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2001. Number of Pairs of Interchangeable Rectangles Topics You are given n rectangles represented by a $\mathbf{0}$ -indexed 2D integer array rectangles, where rectangles[i] = [width_i, height_i] denotes Two rectangles i and j (i < j) are considered **interchangeable** if they have the **same** width-to-height ratio. More formally, two rectang Return the number of pairs of interchangeable rectangles in rectangles. Example 1: Input: rectangles = [[4,8],[3,6],[10,20],[15,30]] Output: 6 **Explanation:** The following are the interchangeable pairs of rectangles by index (0-indexed): - Rectangle 0 with rectangle 1: 4/8 == 3/6. - Rectangle 0 with rectangle 2: 4/8 == 10/20. - Rectangle 0 with rectangle 3: 4/8 == 15/30. - Rectangle 1 with rectangle 2: 3/6 == 10/20. - Rectangle 1 with rectangle 3: 3/6 == 15/30. - Rectangle 2 with rectangle 3: 10/20 == 15/30. Example 2: Input: rectangles = [[4,5],[7,8]] Output: 0 Explanation: There are no interchangeable pairs of rectangles. **Constraints:** • n == rectangles.length • 1 <= n <= 10^5 • rectangles[i].length == 2 • 1 <= width_i, height_i <= 10^5 Seen this question in a real interview before? 1/4 Accepted 35.5K Submissions 72.5K Acceptance Rate 48.9% Topics

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Hint 1

Pint 2