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Solution

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1198. Find Smallest Common Element in All Rows

Medium

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Given an $m \times n$ matrix `mat` where every row is sorted in **strictly increasing** order, return *the **smallest common element** in all rows*.

If there is no common element, return `-1`.

Example 1:

Input: `mat = [[1,2,3,4,5],[2,4,5,8,10],[3,5,7,9,11],[1,3,5,7,9]]`

Output: `5`

Example 2:

Input: `mat = [[1,2,3],[2,3,4],[2,3,5]]`

Output: `2`

Constraints:

- $m == \text{mat.length}$
- $n == \text{mat}[i].\text{length}$
- $1 \leq m, n \leq 500$
- $1 \leq \text{mat}[i][j] \leq 10^4$
- `mat[i]` is sorted in strictly increasing order.

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class Solution {

public int smallestCommonElement(int[][] mat) {

}

}

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