# 1198. Find Smallest Common Element in All Rows

# Description

Given an m x 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 == mat.length
- n == mat[i].length
- 1 <= m, n <= 500
- 1 <= mat[i][j] <= 10 <sup>4</sup>
- mat[i] is sorted in strictly increasing order.