074. Search a 2D Matrix

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• Binary Search+array

Description

Write an efficient algorithm that searches for a value in an $m \times n$ matrix. This matrix has the following properties:

- · Integers in each row are sorted from left to right.
- · The first integer of each row is greater than the last integer of the previous row.

For example,

Consider the following matrix:

```
[1, 3, 5, 7],
[10, 11, 16, 20],
[23, 30, 34, 50]
```

Given target = 3, return true.

1. Thought line

2. Binary Search+array