

85. Maximal Rectangle

Given a rows x cols binary matrix filled with 0's and 1's, find the largest rectangle containing only 1's and return its area.

Example 1:

1	0	1	0	0
1	0	1	1	1
1	1	1	1	1
1	0	0	1	0

Input: matrix =

[["1", "0", "1", "0", "0"], ["1", "0", "1", "1", "1"], ["1", "1", "1", "1", "1"], ["1", "0", "0", "1", "0"]]

Output: 6

Explanation: The maximal rectangle is shown in the above picture.

Example 2:

Input: matrix = [["0"]]

Output: 0

Example 3:

Input: matrix = [["1"]]

Output: 1

Constraints:

- rows == matrix.length
- cols == matrix[i].length
- 1 <= row, cols <= 200
- matrix[i][j] is '0' or '1'.