

119. Pascal's Triangle II

Easy

1691

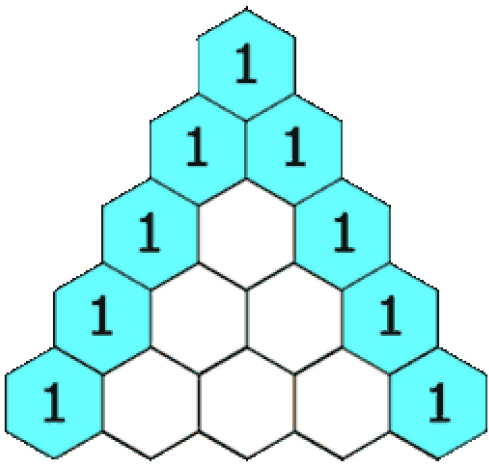
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Given an integer `rowIndex` , return the `rowIndexth` (**0-indexed**) row of the **Pascal's triangle**.

In **Pascal's triangle**, each number is the sum of the two numbers directly above it as shown:



Example 1:

Input: `rowIndex = 3`
Output: `[1,3,3,1]`

Example 2:

Input: `rowIndex = 0`
Output: `[1]`

Example 3:

Input: `rowIndex = 1`
Output: `[1,1]`

Constraints:

- `0 <= rowIndex <= 33`

Follow up: Could you optimize your algorithm to use only $O(rowIndex)$ extra space?

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Yes

No

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```
1 class Solution {
2     public List<Integer> getRow(int rowIndex) {
3
4     }
5 }
```