Graphical user interface, text, application

Description automatically generated

**Solution 1:**

class Solution:

    def getRow(self, rowIndex: int) -> List[int]:

        result = [[1]]

        for i in range(rowIndex):

            temp = [0] + result[-1] + [0]

            row = []

            for j in range(len(result[-1])+1):

                row.append(temp[j]+temp[j+1])

            result.append(row)

        return result[rowIndex]

run = Solution()

run.getRow(4)

**Output:**

[1, 4, 6, 4, 1]

**Time Complexity:** O(n)

**Space Complexity:** O(n)