# 119. Pascal's Triangle II

## 119 Pascal's Triangle II

array

### **Description**

Given an index k, return the  $k^{th}$  row of the Pascal's triangle.

For example, given k = 3,

Return [1,3,3,1].

#### Note:

Could you optimize your algorithm to use only O(k) extra space?

## 1. Thought line

```
k^{th} row in vector

* k=0 \Rightarrow \{i\} \Rightarrow k<0 \Rightarrow \{i\}
```

## 2. array