Jump Game II

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Total Accepted: | Question | Solution
47229   Total
Submissions: **195354**   Difficulty: **Hard**

Given an array of non-negative integers, you are initially positioned at the first index of the array.

Each element in the array represents your maximum jump length at that position.

Your goal is to reach the last index in the minimum number of jumps.

For example:

Given array A = `[2,3,1,1,4]`

The minimum number of jumps to reach the last index is `2` . (Jump `1` step from index 0 to 1, then `3` steps to the last index.)

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Python ▼

```
 1   class Solution(object):
 2       def jump(self, nums):
 3           """
 4           :type nums: List[int]
 5           :rtype: int
 6           """
 7           if len(nums) <= 1:return 0
 8           jumps = [0 for i in range(len(nums))]
 9           pos=0
10           for i in range(len(nums)):
11               if i+nums[i] > pos:
12                   if i+nums[i] >= len(nums)-1:return jumps[i]+1
13                   for j in range(pos+1,i+nums[i]+1):
14                       jumps[j] = jumps[i]+1
15                   pos = i+nums[i]
16           return jumps[len(nums)-1]
```

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Custom Testcase ☑

```
[3,2,1,1,0]
```

One line for one parameter.

<div align="right">

Run Code   Submit Solution

</div>

Submission Result: Accepted (/submissions/detail/39963379/)

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