

# 55. Jump Game

## Description

You are given an integer array `nums`. You are initially positioned at the array's **first index**, and each element in the array represents your maximum jump length at that position.

Return `true` *if you can reach the last index, or* `false` *otherwise*.

### Example 1:

**Input:** `nums = [2,3,1,1,4]`

**Output:** `true`

**Explanation:** Jump 1 step from index 0 to 1, then 3 steps to the last index.

### Example 2:

**Input:** `nums = [3,2,1,0,4]`

**Output:** `false`

**Explanation:** You will always arrive at index 3 no matter what. Its maximum jump length is 0, which makes it impossible to reach the last index.

### Constraints:

- `1 <= nums.length <= 104`
- `0 <= nums[i] <= 105`

