

1696. Jump Game VI

My Submissions (/contest/weekly-contest-220/problems/jump-game-vi/submissions/)

Back to Contest (/contest/weekly-contest-220/)

You are given a **0-indexed** integer array `nums` and an integer `k`.

You are initially standing at index `0`. In one move, you can jump at most `k` steps forward without going outside the boundaries of the array. That is, you can jump from index `i` to any index in the range `[i + 1, min(n - 1, i + k)]` **inclusive**.

You want to reach the last index of the array (index `n - 1`). Your **score** is the **sum** of all `nums[j]` for each index `j` you visited in the array.

Return the **maximum score** you can get.

User Accepted:	1252
User Tried:	2513
Total Accepted:	1308
Total Submissions:	5585
Difficulty:	Medium

Example 1:

**Input:** `nums = [1,-1,-2,4,-7,3]`, `k = 2`  
**Output:** 7  
**Explanation:** You can choose your jumps forming the subsequence `[1,-1,4,3]` (underlined above). The sum is 7.

Example 2:

**Input:** `nums = [10,-5,-2,4,0,3]`, `k = 3`  
**Output:** 17  
**Explanation:** You can choose your jumps forming the subsequence `[10,4,3]` (underlined above). The sum is 17.

Example 3:

**Input:** `nums = [1,-5,-20,4,-1,3,-6,-3]`, `k = 2`  
**Output:** 0

Constraints:

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

Discuss (<https://leetcode.com/problems/jump-game-vi/discuss>)

Java

```
1 class Solution {
2     public int maxResult(int[] nums, int k) {
3
4     }
5 }
```