# 1814. Jump Game VI

# Difficulty : Medium

https://leetcode.com/problems/jump-game-vi

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*.

### 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 <= 10^5`
- `-10^4 <= nums[i] <= 10^4`