

5631. Jump Game VI

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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:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
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:

- $1 \leq \text{nums.length}, k \leq 10^5$
- $-10^4 \leq \text{nums}[i] \leq 10^4$

TypeScript



```
1 function maxResult(nums: number[], k: number): number {  
2  
3 };
```

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