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2190. Most Frequent Number Following Key In an Array

Easy

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You are given a **0-indexed** integer array `nums` . You are also given an integer `key` , which is present in `nums` .

For every unique integer `target` in `nums` , **count** the number of times `target` immediately follows an occurrence of `key` in `nums` . In other words, count the number of indices `i` such that:

- `0 <= i <= n - 2` ,
- `nums[i] == key` and,
- `nums[i + 1] == target` .

Return *the target with the **maximum** count*. The test cases will be generated such that the `target` with maximum count is unique.

Example 1:

Input: `nums = [1,100,200,1,100]`, `key = 1`

Output: `100`

Explanation: For `target = 100`, there are 2 occurrences at indices 1 and 4 which follow an occurrence of `key`.  
No other integers follow an occurrence of `key`, so we return `100`.

Example 2:

Input: `nums = [2,2,2,2,3]`, `key = 2`

Output: `2`

Explanation: For `target = 2`, there are 3 occurrences at indices 1, 2, and 3 which follow an occurrence of `key`.  
For `target = 3`, there is only one occurrence at index 4 which follows an occurrence of `key`.  
`target = 2` has the maximum number of occurrences following an occurrence of `key`, so we return `2`.

Constraints:

- `2 <= nums.length <= 1000`
- `1 <= nums[i] <= 1000`
- The test cases will be generated such that the answer is unique.

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class Solution {

public int mostFrequent(int[] nums, int key) {

}

}

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