Problem Link:

<https://leetcode.com/problems/find-all-k-distant-indices-in-an-array/description/?envType=daily-question&envId=2025-06-24>

Solution:

class Solution {

public:

vector<int> findKDistantIndices(vector<int>& nums, int key, int k) {

int n = nums.size();

set<int> s;

for(int j = 0; j < n; ++j)

{

if (nums[j] == key)

{

int start = max(0, j - k);

int end = min(n - 1, j + k);

for(int i = start; i <= end; ++i)

{

s.insert(i);

}

}

}

return vector<int>(s.begin(), s.end());

}

};