class Solution {

public:

int longestConsecutive(vector<int>& nums) {

if (nums.empty()) return 0;

unordered\_set<int> numSet(nums.begin(), nums.end());

int longestStreak = 0;

for (int num : numSet) {

// Start a sequence only if num - 1 is not present

if (numSet.find(num - 1) == numSet.end()) {

int currentNum = num;

int currentStreak = 1;

while (numSet.find(currentNum + 1) != numSet.end()) {

currentNum++;

currentStreak++;

}

longestStreak = max(longestStreak, currentStreak);

}

}

return longestStreak;

}

};