# Hash Map / Dictionary Problems — Summary

## LC 1 — Two Sum

**Link:** https://leetcode.com/problems/two-sum/

Find two indices such that their values add up to a given target. Use a hash map from value → index.

## LC 242 — Valid Anagram

**Link:** https://leetcode.com/problems/valid-anagram/

Check if two strings are anagrams by comparing character counts.

## LC 217 — Contains Duplicate

**Link:** https://leetcode.com/problems/contains-duplicate/

Return true if any value appears at least twice in the array. Use a set or a hash map.

## LC 3 — Longest Substring Without Repeating Characters

**Link:** https://leetcode.com/problems/longest-substring-without-repeating-characters/

Return the length of the longest substring without repeating characters. Use a sliding window + map.

## LC 560 — Subarray Sum Equals K

**Link:** https://leetcode.com/problems/subarray-sum-equals-k/

Count subarrays whose sum equals k using a prefix-sum frequency map.