# Section 6: 100% OPTIONAL Challenges

Slides：<https://cs.slides.com/colt_steele/problem-solving-patterns>

## 35. IMPORTANT NOTE

### Coding Exercise 3: Frequency Counter - sameFrequency

Frequency Counter-sameFrequency

Write a function called sameFrequency. Given two positive integers, find out if the two numbers have the same frequency of digits.

Your solution MUST have the following complexities:

Time: O(N)

sameFrequency(182,281) *//true*

sameFrequency(34,14) *//false*

sameFrequency(3589578, 5879385) *//true*

sameFrequency(22, 222) *// false*