LeetCode All Problems Solution Index: Simulation, Math, Hash, Bit Operation and Others

Overview

I have summarized the solutions to LeetCode problems by organizing them into closely related categories (Simulation, Math, Hash, Bit Operation and Others) and give tree index page for quick references.

LeetCode All Problems Solution Index: Simulation, Math, Hash, Bit Operation and Others

1. Simulation: i.e., just follow the rules in the problem and simulate the process to get the result, usually come up with a smart way to write elegant code (tedious code should be avoided since the algorithm would usually be simple), is the key point
   - Valid Sudoku 2012-03-03 27.6% Solution
   - ZigZag Conversion 2011-12-05 23.4% (Easy) Solution
   - Count and Say 2012-03-05 26.8% (Easy) Solution
   - Simulate the Mathematical Operation like plus/multiplication:
     - Plus One 2012-04-02 31.2% (Easy) Solution
     - Add Binary 2012-04-02 25.7% (Easy) Solution
     - Multiply Strings 2012-03-12 20.4% (Medium) Solution
     - Divide Two Integers 2012-02-18 16.1% (Medium)Solution
2. Math Problem
   - Sqrt(x) 2012-04-03 22.0% (Medium) Solution
   - Roman to Integer 2012-01-15 33.4% (Easy) Solution
   - Integer to Roman 2012-01-15 33.0% (Medium) Solution
   - Palindrome Number 2012-01-04 29.2% (Easy) Solution
   - Reverse Integer 2011-12-25 40.0% (Easy) Solution
3. Hashing
   - Anagrams 2012-03-19 23.2% (Medium) Solution
   - Max Points on a Line 2013-11-22 10.7% (Hard) Solution
   - LRU Cache 2013-11-09 13.4% (Hard) Solution
4. Bit Operations:
   - Single Number II 2013-10-02 33.3% (Medium) SolutionMore General Version (K times Simgle Number)
   - Single Number 2013-10-01 45.3% (Medium) Solution
5. Other Types: Applications l Data Structure l String
   - Valid Palindrome 2013-01-12 22.5% (Easy) Solution
   - Valid Parentheses 2012-01-30 28.0% (Easy) Solution
   - Min Stack 2014-11-09 15.4% (Easy) Solution

Summary

I have summarized the solutions to LeetCode problems by organizing them into closely related categories (Simulation, Math, Hash, Bit Operation and Others) and give tree index page for quick references. I will keep updating the content as well as this index page as time goes. Please feel free to leave any comments.