

Top-20 Training Program (Stack, Queue & Deque Problems)

Apply the solution building strategies discussed in class to solve following problems.

Group1:

Daily Temperatures: <https://leetcode.com/problems/daily-temperatures/description/>

Decode String: <https://leetcode.com/problems/decode-string/description/>

Simplify Path: <https://leetcode.com/problems/simplify-path/description/>

Valid Parentheses: <https://leetcode.com/problems/valid-parentheses/description/>

Tag Validator: <https://leetcode.com/problems/tag-validator/description/>

Group2:

Basic Calculator: <https://leetcode.com/problems/basic-calculator/description/>

Basic Calculator-II: <https://leetcode.com/problems/basic-calculator-ii/description/>

Basic Calculator-III: <https://leetcode.com/problems/basic-calculator-iii/>

Evaluate Postfix Expression: <https://leetcode.com/problems/evaluate-reverse-polish-notation/description/>

Expression Evaluation: <http://www.lintcode.com/en/problem/expression-evaluation/>

Group3:

Queue using Stacks: <https://leetcode.com/problems/implement-queue-using-stacks/description/>

Stack using Queues: <https://leetcode.com/problems/implement-stack-using-queues/description/>

Flatten Nested List: <https://leetcode.com/problems/flatten-nested-list-iterator/description/>

Group4: Competition Problems

Backspace: <https://open.kattis.com/problems/backspace>

Rails: <http://poj.org/problem?id=1363>

InfixToPostfix:
https://uva.onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&page=show_problem&problem=668

Parencodings: <http://poj.org/problem?id=1068>