10/11/22, 10:06 PM README.md

Educational DP Contest @ AtCoder

Link to the contest: https://atcoder.jp/contests/dp

- 🗸 A Frog 1
- 🖋 B Frog 2
- 🗸 C Vacation
- 🗸 D Knapsack 1
- ✓ E Knapsack 2
- \checkmark F LCS (O(n^2) minimum Levensteins distance)
- \checkmark G Longest Path O(n)
- ✓ H Grid 1 O(n^2) Pascal Triangle
- **V** I Coins O(n^2)
- \checkmark J Sushi 3 dimensional DP with compression
- **V** K Stones Binary player tracking
- 🗸 L Deque Interval DP
- **W** M Candies Keeping prefix sums
- \checkmark N Slimes Interval DP O(n^3) with prefix sums
- **V** O Matching O(2^n * n)
- \checkmark P Independent Set Tree DP
- **V** Q Flowers Segment Tree DP
- **V** R Walk Matrix Expo (my fav)
- 🖋 S Digit Sum Digit DP
- **V** T Permutation Keeping prefix sums
- **V** U Grouping DP on masks
- V Subtree DFS In and Out
- W Intervals
- **V** X Tower Exchange Principle
- **Y** Grid 2 Binomial Coefficients
- Z Frog 3 Convex Hull Trick