# L2 - Matrix Exponentiation

1. <https://leetcode.com/problems/fibonacci-number/>
2. <https://leetcode.com/problems/n-th-tribonacci-number/>
3. <https://codeforces.com/contest/1117/problem/D> (hw)
4. <https://www.spoj.com/problems/SPP/> (hw)

# L3 - Problem Solving 1

1. <https://atcoder.jp/contests/dp/tasks/dp_r>
2. Instead of the number of paths of length exactly k, find the number of paths of length atmost k.
3. <https://codeforces.com/contest/1240/problem/C>

# L5 - DP with Bitmasking (Classical)

1. <https://practice.geeksforgeeks.org/problems/travelling-salesman-problem2732/1#>
2. <https://www.geeksforgeeks.org/bitmasking-and-dynamic-programming-set-1-count-ways-to-assign-unique-cap-to-every-person/>

# L6 - DP with Bitmasking (Advanced)

1. <https://www.codechef.com/ICPCIN19/problems/PENS>
2. <https://codeforces.com/contest/1215/problem/E>

# L9 - Digit DP

1. <https://atcoder.jp/contests/dp/tasks/dp_s>
2. <https://www.spoj.com/problems/GONE/> (hw)
3. <https://csacademy.com/contest/round-20/task/stepping-number/> (hw - do try)
4. <https://www.spoj.com/problems/RAONE/> (hw - do try)

# L10- State Space Reduction and Multi-Parameter DP

1. <https://codeforces.com/contest/1579/problem/G> (algo done, code is hw)
2. <https://atcoder.jp/contests/abc227/tasks/abc227_e> (hw)