

## Extra Problems: Dynamic Programming-3

In this module, we covered the concepts and algorithms for solving advanced DP problems:

- Dynamic Programming on Trees
- Dynamic Programming on Graphs
- Digit DP Technique

As a competitive programmer, you should be practicing enough problems to master a topic. The <u>code studio</u> portal offers multiple problems under the tag of 'Dynamic Programming'. Additionally, we recommend practicing these problems from the popular CP platforms to strengthen your concepts further.

## **Dynamic Programming on Trees**

https://codeforces.com/contest/461/problem/B
 https://www.spoj.com/problems/DISQUERY/
 https://codeforces.com/contest/440/problem/D
 https://acm.timus.ru/problem.aspx?space=1&num=1039

## **Dynamic Programming on Graphs**

☐ <u>https://codeforces.com/problemset/problem/1324/F</u>
https://codeforces.com/problemset/problem/1369/E
https://codeforces.com/problemset/problem/743/D



## **Digit DP Technique**

https://cses.fi/problemset/task/2220
https://codeforces.com/contest/628/problem/D
https://www.spoj.com/problems/PR003004/