Practice Problems for DP

Level Easy:

- 1. https://practice.geeksforgeeks.org/problems/reach-a-given-score-
 - $\underline{1587115621/1/?category[] = Dynamic\%20Programming\&category[] = Dynamic\%20Programming\&page = 1\&query = category[]Dynamic\%20Programming\&page = 1\&query = category[]Dynamic\%20Programmin$
- 2. https://practice.geeksforgeeks.org/problems/number-of-unique-
 - paths5339/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=0&page=1&query=category[]Dynamic%20Programmingdifficulty[]0page1category y[]Dynamic%20Programming
- 3. https://practice.geeksforgeeks.org/problems/maximum-sum-
 - problem2211/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=0&page=1&query=category[]Dynamic%20Programmingdifficulty[]0page1category[]Dynamic%20Programming
- 4. https://practice.geeksforgeeks.org/problems/nth-catalan-
 - $\frac{number0817/1/?category[]=Dynamic\%20Programming\&category[]=Dynamic\%20Programming\&difficulty[]=0\&page=2\&query=category[]Dynamic\%20Programming\&category[]Dynamic\%20Programming}{\frac{ory[]Dynamic\%20Programming\&category[]=Dynamic\%20Programming}{\frac{ory[]Dynamic\%20Programming\&category[]=Dynamic\%20Programming}{\frac{ory[]Dynamic\%20Programming\&category[]=Dynamic\%20Programming}{\frac{ory[]Dynamic\%20Programming\&category[]=Dynamic\%20Programming}{\frac{ory[]Dynamic\%20Programming\&category[]=Dynamic\%20Programming}{\frac{ory[]Dynamic\%20Programming\&category[]=Dynamic\%20Programming}{\frac{ory[]Dynamic\%20Programming\&category[]=Dynamic\%20Programming}{\frac{ory[]Dynamic\%20P$
- 5. https://practice.geeksforgeeks.org/problems/find-if-string-is-k-palindrome-or-
 - not1923/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=0&page=2&query=category[]Dynamic%20Programmingdifficulty[]0page2category[]Dynamic%20Programming
- 6. https://practice.geeksforgeeks.org/problems/geek-and-its-game-of-
 - $\frac{coins 4043/1/? category[]=Dynamic \% 20 Programming \& category[]=Dynamic \% 20 Programming \& difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming \& category[]=Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]Dynamic \% 20 Programming & difficulty[]=0 \& page=2 \& query=category[]=0 \& query=category[]=0 \& page=2 \& query=category[]=0 \& page=2 \& query=category[]=0$
- 7. https://practice.geeksforgeeks.org/problems/you-and-your-
 - $\underline{books/1/?category[]=Dynamic\%20Programming\&category[]=Dynamic\%20Programming\&difficulty[]=0\&page=1\&query=category[]Dynamic\%20Programming\&category[]Dynamic\%20Programming}\\ \underline{valiety[]=0\&page=1\&query=category[]Dynamic\%20Programming\&category[]Dynamic\%20Pr$
- 8. https://practice.geeksforgeeks.org/problems/telephone-number-or-involution-
 - number4412/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=0&page=2&query=category[]Dynamic%20Programmingdifficulty[]0page2category[]Dynamic%20Programming
- 9. <a href="https://practice.geeksforgeeks.org/problems/minimum-insertions-to-sort-an-array0535/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=0&page=2&query=category[]Dynamic%20Programming v[]Dynamic%20Programming
- Level Medium:
- https://practice.geeksforgeeks.org/problems/count-ways-to-increase-lcs-length-of-two-strings-by-one2236/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=1&page=1&sortBy=newest&query=category[]Dynamic%20Programming
 1page1sortBynewestcategory[]Dynamic%20Programming
- 2. https://practice.geeksforgeeks.org/problems/jump-
 - game/1/? category[] = Dynamic % 20 Programming & category[] = Dynamic % 20 Programming & difficulty[] = 1 & page = 2 & sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming ge 2 sort By = newest & query = category[] Dynamic % 20 Programming & query = newest & query = category[] Dynamic % 20 Programming & query = newest & query = newe
- 3. <a href="https://practice.geeksforgeeks.org/problems/total-decoding-messages1235/1/?category[]=Dynamic%20Programming&difficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programmingdifficulty[]=1&page=2&sortBy

- 4. <a href="https://practice.geeksforgeeks.org/problems/sisters-and-coins2253/1/?category[]=Dynamic%20Programming&difficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programming []1page2sortBynewestcategory[]Dynamic%20Programming
- 5. <a href="https://practice.geeksforgeeks.org/problems/snake-and-ladder-problem4816/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programming ulty[]1page2sortBynewestcategory[]Dynamic%20Programming
- 6. <a href="https://practice.geeksforgeeks.org/problems/optimal-binary-search-tree2214/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=1&page=2&sortBy=newest&query=category[]Dynamic%20Programming

 1page2sortBynewestcategory[]Dynamic%20Programming
- 7. <a href="https://practice.geeksforgeeks.org/problems/pass-the-semester2515/1/?category[]=Dynamic%20Programming&difficulty[]=1&page=3&sortBy=newest&query=category[]Dynamic%20Programming ulty[]1page3sortBynewestcategory[]Dynamic%20Programming
- 8. <a href="https://practice.geeksforgeeks.org/problems/mobile-numeric-keypad5456/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=1&page=4&sortBy=newest&query=category[]Dynamic%20Programming ty[]1page4sortBynewestcategory[]Dynamic%20Programming ty[]1page4sortBynewestcategory[]Dynamic%20Programming ty[]1page4sortBynewestcategory[]Dynamic%20Programming typ[]1page4sortBynewestcategory[]Dynamic%20Programming typ[]1page4sortBynewestcategory[]1page4sortBynewestcategory[]1page4sortBynewestcategory[]1page4sortBynewestcategory[]1page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcategory[]2page4sortBynewestcate
- Level Quite Difficult:
- 1. <a href="https://practice.geeksforgeeks.org/problems/adventure-in-a-maze2051/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=2&page=1&query=category[]Dynamic%20Programming
 <a href="maze2051/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=2&page=1&query=category[]Dynamic%20Programming
 <a href="maze2051/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=2&page=1&query=category[]Dynamic%20Programming
- 2. <a href="https://practice.geeksforgeeks.org/problems/convert-to-strictly-increasing-array3351/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=2&page=1&query=category[]Dynamic%20Programmingdifficulty[]2page1category[]Dynamic%20Programming
- 3. <a href="https://practice.geeksforgeeks.org/problems/queries-on-a-matrix0443/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=2&page=1&query=category[]Dynamic%20Programmingdifficulty[]2page1category[]2page1c
- 4. <a href="https://practice.geeksforgeeks.org/problems/longest-zig-zag-sub-sequence2656/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=2&page=1&query=category[]Dynamic%20Programmingdifficulty[]2page1category[]Dynamic%20Programming
- 5. <a href="https://practice.geeksforgeeks.org/problems/minimum-insertions-to-make-two-arrays-equal/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=2&page=2&query=category[]Dynamic%20Programming namic%20Programming
- 6. https://practice.geeksforgeeks.org/problems/7b9d245852bd8caf8a27d6d3961429f0a2b245f1/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&category[]Dynamic%20Programming
- 7. <a href="https://practice.geeksforgeeks.org/problems/count-occurences-of-a-given-word-in-a-2-d-array/1/?category[]=Dynamic%20Programming&category[]=Dynamic%20Programming&difficulty[]=2&page=2&query=category[]Dynamic%20Programming
 <a href="mailto:namicw20Programmingware-namicw20Programmingware-namicw20Programmingware-namicw20Programmingware-namicw20Programmingware-namicw20Programmingware-namicware

More Problems on DP: https://atcoder.jp/contests/dp/tasks