

Algorithms

DP Tabulation Homework 1

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Tip

- It's more intuitive to rewrite the memoized code 'backwards', and then convert this to the tabulated form

Problem #1: [LeetCode 72](#) - Edit Distance

- Rewrite your code (see the relevant lectures in the 'Enumerating the Choices' section) so that it makes use of tabulation

Problem #2: [LeetCode 1105](#) - Filling Bookcase Shelves

- Rewrite your code so that it uses tabulation

Problem #3: [LeetCode 1155](#) - Number of Dice Rolls With Target Sum

Rewrite your code so that it uses tabulation

Problem #4: [LeetCode 576](#) - Out of Boundary Paths

- Rewrite your code so that it uses tabulation

“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”