Quiz

In this lesson, you will be quizzed on your knowledge of bottom-up dynamic programming

1

What edge does bottom-up dynamic programming have over top-down dynamic programming?

2

By using tabulation instead of memoization, we can improve our algorithm's space complexity.

3

Similar to Fibonacci numbers, space complexity of Catalan's numbers can be reduced to .

4

We cannot reduce the space complexity of the Fibonacci numbers algorithm to if we use the top-down approach.

5

We have two strings, `str1` and `str2`, of varied sizes. What would be the space complexity of an efficient algorithm to compute the length of the longest common substring?

Retake Quiz

That was it for the bottom-up dynamic programming. In the next chapter, we will solve several interesting problems using dynamic programming.