

## CSE431/531 (Fall 2021) Project 2

Due date: Dec 9, 2021

You need to implement the dynamic programming algorithm for the longest palindrome subsequence problem.

- **Input format:** You need to read the input from the standard input. It has one string in a line, which only contains upper and lower case letters and numbers. The length of the string is at most 2000.
- **Output format:** You need to output 2 lines to the standard output. The first line contains a number, which is length of the longest palindrome subsequence of the string. The second line contains the actual longest palindrome.

<b>Input:</b> badccbda	<b>Output:</b> 6 adccda
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