Given a string, find the shortest substring that can be removed to yield a string that contains exactly K different characters.

Find a maximal value path in a matrix, starting in the top-left corner and ending in the bottom-right corner.

Given a list of integers, return the maximum number of consecutive integers equal to each other after replacing at most K of them.

Given a list of available words, create a sentence which is a palindrome.

Given an array A, count the number of different triplets (a, b, c) in which a occurs before b and b occurs before c.

Given a string of letters 'M' and 'L', compute the minimum number of changes needed to obtain a string such that the length of its longest interval of letters 'M' is equal to K.

Given two sequences of integers, count the minimum number of swaps (A[k], B[k]) needed to make both sequences increasing.

Given an array consisting of the integers -1, 0 and 1, find the longest slice with a non-negative sum.

Position speed cameras so as to minimize the lengths of unmonitored paths.