

# Maximal Points From Deleting Two Character Substrings

Question 691 of 1031

Hard

You are given a string `s` containing `"1"`s and `"0"`s and integers `zeroone` and `onezero`. In one operation you can remove any substring `"01"` and receive `zeroone` points. Or you can remove any substring `"10"` and receive `onezero` points.

Return the maximum number of points you can receive, given that you can make any number of operations.

Constraints:

- $n \leq 100,000$  where  $n$  is the length of `s`

## Example 1

Input

`s = "101010"`

`zeroone = 3`

`onezero = 1`

Output

7

Explanation

We can delete `"01"` twice to receive 3 points each. The resulting string then becomes `"10"` and then you can delete it to receive 1 point.

Solved: 182, Attempted: 261, Rate: 69.74%