Problem B: Deep Zeros

Description

In an integer, a zero can appear between other digits (e.g. 678030) or at the end of a number (e.g. 678030). In imaginary Math, we call the zeros that appear between other integers as *deep zeros*.

Input

The only line of the input contains an integer (1 <= N <= 2,000,000,000) that may contain zeros or not.

Output

Display the total count of deep zeros in **N**.

NB: *Kindly note that your solution will be run at least five times. Each time, it will be tested against a different set of input. The first few test cases are given below to help you check your solution. The remaining tests can be seen from the contest page for this problem or the results page after you submit your solution*.

Test 1

Input	Output
10	0

Test 2

Input	Output
1008030000	3