Seventeen Again

The number 17 is considered very unlucky. In Italian The Italians write 17 as XVII, which can be rearranged to form VIXI, which roughly translates to "I'm now dead" or "my life is over."

You found a number in base-10 written on your computer screen. You want to delete many digits by repeatedly choosing any two consecutive digits and deleting them. The remaining digits squish over/come together like they would in an actual editor. But you only love 17. So, the sum of those 2 chosen digits must be 17.

Example: 389899 => Delete middle first 89 to get 3899 =>Delete middle 89 to get 39. So, final length remaining number's length is 2.

Given an initial number containing many digits, determine the final length of the remaining number, assuming you delete as many digits as possible.

Function Description:

Complete the loveSeventeen() function in the editor below. It has the following parameter(s):

Name : S

Type : STRING

Return : The function must return an INTEGER denoting the the final length of the number.

Constraints:

1 <= len(s) <= 100

Input Format For Custom Testing:

The first line contains a string, S, denoting the number.

Sample Cases

Input 1	:	389899
Output 1	:	2
Description	:	Remove middle two '89' to leave final '39' 999888.
Input 2	:	999888
Output 2	:	0
Input 3	:	9898982398238324898983498988898388848938
Output 3	:	22