@LeetCode

A message containing letters from A-Z is being encoded to numbers using the following mapping:

`'A' -> 1`

`'B' -> 2`

`...`

`'Z' -> 26`

Given a **non-empty** string containing only digits, determine the total number of ways to decode it.

Example 1:

Input: "12"

Output: 2

Explanation: It could be decoded as "AB" (1 2) or "L" (12).

Example 2:

Input: "226"

Output: 3

Explanation: It could be decoded as "BZ" (2 26), "VF" (22 6), or "BBF" (2 2 6).