**Decode Ways :-**

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.

The answer is guaranteed to fit in a **32-bit** integer.

**Example 1:**

**Input:** s = "12"

**Output:** 2

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

**Example 2:**

**Input:** s = "226"

**Output:** 3

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

**Example 3:**

**Input:** s = "0"

**Output:** 0

**Explanation:** There is no character that is mapped to a number starting with '0'. We cannot ignore a zero when we face it while decoding. So, each '0' should be part of "10" --> 'J' or "20" --> 'T'.

**Example 4:**

**Input:** s = "1"

**Output:** 1