You are given a **0-indexed** binary string s which represents the types of buildings along a street where:

* s[i] = '0' denotes that the ith building is an office and
* s[i] = '1' denotes that the ith building is a restaurant.

As a city official, you would like to **select** 3 buildings for random inspection. However, to ensure variety, **no two consecutive** buildings out of the **selected** buildings can be of the same type.

* For example, given s = "0**0**1**1**0**1**", we cannot select the 1st, 3rd, and 5th buildings as that would form "0**11**" which is **not** allowed due to having two consecutive buildings of the same type.

Return *the* ***number of valid ways*** *to select 3 buildings.*

**Example 1:**

Input: s = "001101"  
Output: 6  
Explanation:   
The following sets of indices selected are valid:  
- [0,2,4] from "001101" forms "010"  
- [0,3,4] from "001101" forms "010"  
- [1,2,4] from "001101" forms "010"  
- [1,3,4] from "001101" forms "010"  
- [2,4,5] from "001101" forms "101"  
- [3,4,5] from "001101" forms "101"  
No other selection is valid. Thus, there are 6 total ways.

**Example 2:**

Input: s = "11100"  
Output: 0  
Explanation: It can be shown that there are no valid selections.

**Constraints:**

* 3 <= s.length <= 105
* s[i] is either '0' or '1'.