# String Update

You are given a binary string S.

Each passing minute the following happens:

if S[i] = 1,then s[i+1]becomes s[i] for i,0<=i<lens(S)-1

Find the first moment when the string S does not change

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| S | STRING | The given String |

**Return:** The function must return an INTEGER denoting the first moment when the String has all characters only 1’s

**Constraints:**

**Input format for debugging**

**Sample Testcases:**

|  |  |  |
| --- | --- | --- |
| Input | Output | Output Description |
| 1001 | 2 | At 1 minute ,S[1] becomes 1.  At 2 minutes[2] becomes 1.  The String does not change after that. |
| 1110 | 1 | In the first minute , S[3] becomes 1, The string does not …................................................................................................................................. |