

Consecutive 1's not allowed

Given a positive integer **N**, count all possible **distinct binary strings** of length **N** such that there are **no consecutive 1's**. Output your answer **modulo** $10^9 + 7$.

Example 1:

Input:

`N = 3`

Output: 5

Explanation:

5 strings are (000, 001, 010, 100, 101).

Example 2:

Input:

`N = 2`

Output: 3

Explanation:

3 strings are (00,01,10).

Your Task:

You don't have to print answer or take inputs. Complete the function **countStrings()** which takes single integer **n**, as input parameters and returns an integer denoting the answer.

Expected Time Complexity: $O(N)$

Expected Auxiliary Space: $O(N)$

Constraints:

$1 \leq N \leq 10^5$