| (211:2 | 5 | Solution | • |
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2. There are 2 cases:

D last digit is 1

Then whenever there is no "00" in the first N-1 digits, there won't be a "00" in the String.

(ast digit is D

Then the (n-1)th digit must be 1. And whenever there is no "oo" in the

first 12-2 digits, there won't be a "oo"

in the string.

an= an-1+an-2 h22.

Base cases: $a_1 = 2$ (0,1)

 $a_2 = 3$ (01, 10, 11)