Given a sequence of decimal digits (0..9), we want to validate it using the following method:

* double every second digit in a sequence;
* sum all the digits in the new sequence;
* check if the sum is divisible by 10.

*Example:*

* initial sequence: 1,7,3,6;
* sequence after doubling: 1,14,3,12;
* sum of all digits: 1+1+4+3+1+2= 12;
* 12 is not divisible by 10, so the validation fails.

Write an implementation of this validation method.

Do not use second array; Do not change the input array.