Given two binary strings, return their sum (also a binary string).

The input strings are both **non–empty** and contains only characters 1 or 0.

Example 1:

Input: a = "11", b = "1"

Output: "100"

Example 2:

Input: a = "1010", b = "1011"

Output: "10101"

Constraints:

- Each string consists only of '0' or '1' characters.
- 1 <= a.length, b.length <= 10^4
- Each string is either "0" or doesn't contain any leading zero.