

67. Add Binary

Given two binary strings *a* and *b*, return *their sum as a binary string*.

Example 1:

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

Output: "100"

Example 2:

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

Output: "10101"

Constraints:

- $1 \leq a.length, b.length \leq 10^4$
- *a* and *b* consist only of '0' or '1' characters.
- Each string does not contain leading zeros except for the zero itself.