

## **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:**

- $1 \leq a.length, b.length \leq 104$
- a and b consist only of '0' or '1' characters.
- Each string does not contain leading zeros except for the zero itself.