Sally is a big sports fan, especially volleyball. She has a habit of writing down

the final scores of each game after it has ended in her notebook.

If you are not familiar with the rules of volleyball, here's a brief:



Algorithmic Trader Coding Test

(\) 02:58 to test end



☆ Volleyball Match









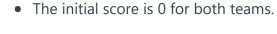






4





• 2 teams play a match

- The game ends when
 - One of the teams gets 25 points and another team has < 24 points (strictly less than

During the course of the game, each team gets points, and thus increases its score by 1.

• If the score ties at 24:24, the teams continue to play until the absolute difference between the scores is 2.

Given the final score of a game in the format A:B i.e., the first team has scored A points and the second has scored B points, can you find the number of different sequences of getting points by teams that leads to this final score?

Complete the function **volleyball** in your editor. It has 2 parameters:

- 1. An integer A.
- 2. An integer B.

It must return the number of different possible sequences of getting those points. As the answer could be very large, return the value of result % $(10^9 + 7)$.

Input Format

The locked stub code in your editor reads the following input from stdin and passes it to your function:

The first line contains a single integer A.

The next line contains a single integer B.

Constraints

• $0 \le A,B \le 10^9$

Output Format

