# Volleyball Match



#### Russian

Tatyana is a big sports fan and she likes volleyball a lot! She writes down the final scores of the game after it has ended in her notebook.

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

- 2 teams play in total
- During the course of the game, each team gets points, and thus increases its score by 1.
- The initial score is 0 for both teams.

The game ends when

- One of the teams gets 25 points and another team has < 24 points (strictly less than 24).
- 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 print the number of different sequences of getting points by teams that leads to this final score?

## **Input Format**

The first line contains A and the second line contains B.

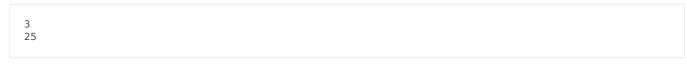
#### **Constraints**

 $0 \le A, B \le 10^9$ 

#### **Output Format**

Output the number of different sequences of getting points by the teams that leads to the final score A: B. *Final* means that the game should be over after this score is reached. If the number is larger than  $10^9+7$ , output number modulo  $10^9+7$ . Print 0 if no such volleyball game ends with the given score.

### Example input #00



#### Example output #00

2925

# Example input #01

24 17

## Example output #01

0

### **Explanation #01**

There's no game of volleyball that ends with a score of 24:17.