

Find the Winning Player in Coin Game - LeetCode

笔记本: leetcode

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3222. Find the Winning Player in Coin Game

You are given two **positive** integers x and y , denoting the number of coins with values 75 and 10 *respectively*.

Alice and Bob are playing a game. Each turn, starting with **Alice**, the player must pick up coins with a **total** value 115. If the player is unable to do so, they **lose** the game.

Return the *name* of the player who wins the game if both players play **optimally**.

Example 1:

Input: $x = 2, y = 7$

Output: "Alice"

Explanation:

The game ends in a single turn:

- Alice picks 1 coin with a value of 75 and 4 coins with a value of 10.

Example 2:

Input: $x = 4, y = 11$

Output: "Bob"

Explanation:

The game ends in 2 turns:

- Alice picks 1 coin with a value of 75 and 4 coins with a value of 10.
- Bob picks 1 coin with a value of 75 and 4 coins with a value of 10.

Constraints:

- $1 \leq x, y \leq 100$