Task 11: Tic-Tac-Toe

[350 points]

C-3PO and Chewbacca are playing a game of Tic-Tac-Toe aboard the Millennium Falcon. A player wins a game of Tic-Tac-Toe when they have their mark in a diagonal, row, or column. Chewbacca marks with the \xspace^{\prime} x' character and C-3PO marks with the \xspace^{\prime} c character. A \xspace^{\prime} represents an unmarked square.



Problem Statement

Given the current state of the Tic-Tac-Toe game, determine if Chewbacca still has a chance of winning.

Input Format

The name of the player who makes the next play (Chewbacca or C-3PO), followed by the current state of the Tic-Tac-Toe game.

Output Format

Print "yes" if Chewbacca can still win, otherwise print "no".

Sample Input

C-3PO

oxo

oox

xx-

Sample Output

no

Sample Input

Chewbacca

0--

-x-

--0

Sample Output

yes