HOME | PERFIL | NOTICIAS 8 | ACADÉMICO | CONCURSOS | FORO | PROBLEMAS | ENVIOS | RANKS | SALIR

2808

Descripción

Pantalla Completa

Enviar

Blocks

Ranking

Foro

uDebug

+ 1.8 POINTS

PRINCIPIANTE

Sugerencia

Sugiera la categoría, el nivel y los temas de este problema.

ENVIAR COMENTARIOS
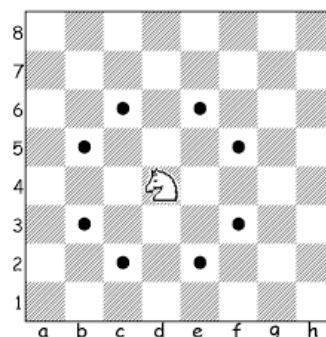
RESUELTO

Rank: 276°

Tiempo: 0.020

MI SOLUCIÓN

URI Online Judge | 2808

Knights Again

By Francisco Elio Parente Arcos Filho, UEA 🇧🇷 Brazil

Timelimit: 1

Given the initial position of a Knight on a chessboard and the target position, it must be said if, with exactly one movement, the Knight can reach the target position. If this is possible, the move is classified as valid, otherwise the move is said invalid..

On a chessboard numbers are used, from 1 to 8, to specify the board line and letters, from 'a' to 'h,' to specify the column.

Input

The entry consists of a single line containing the initial position of the Knight and the target position, separated by a space. A position in the board is specified by a character, which represents the column, followed by an integer representing the line.

Output

The output consists of a line containing the message "VALIDO" if the move is a valid movement of a Knight in the game of chess or "INVALIDO" otherwise.

Input Samples	Output Samples
d4 b5	VALIDO
a1 g6	INVALIDO
h8 f7	VALIDO

II Maratona de Programação do Norte