

Hi all,

# Flow Type Checker

Chenzhang Hu

Weekly Challenge #2 Review

# Arbitrage

Alex Li

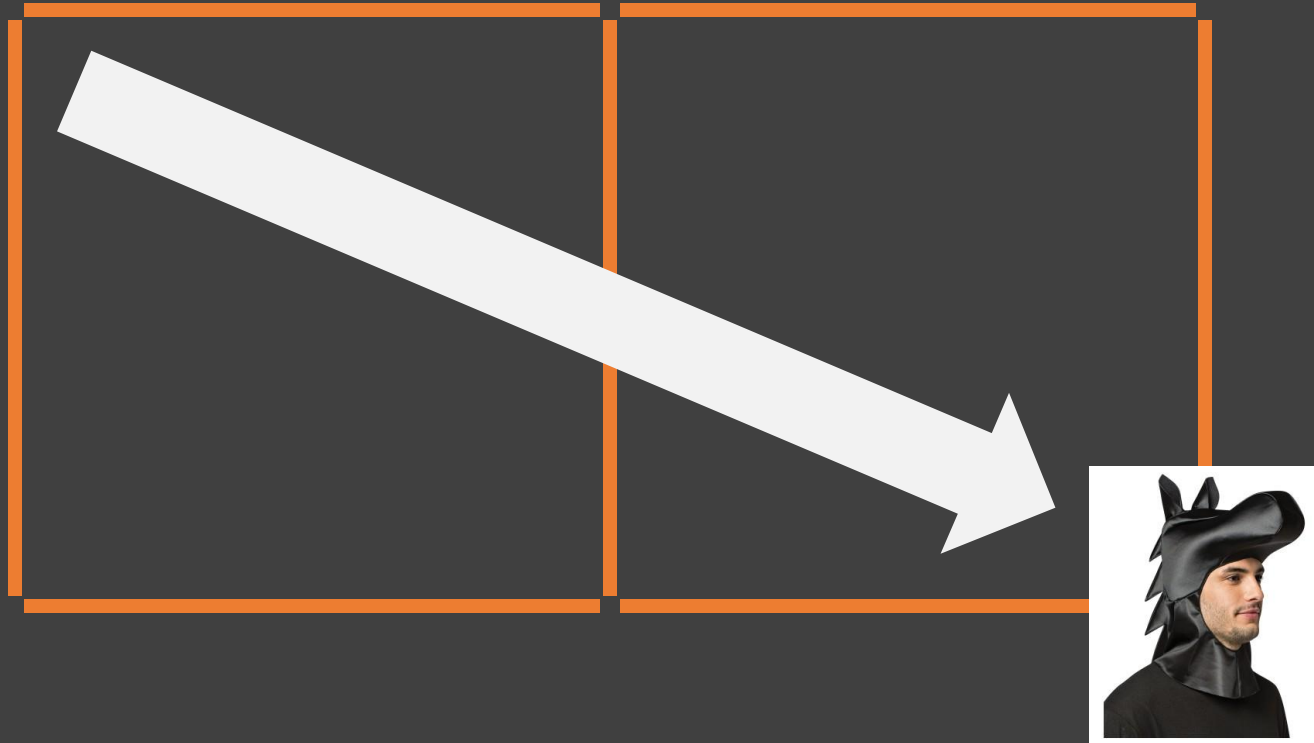
# Weekly Challenge #3

Chenzhang Hu



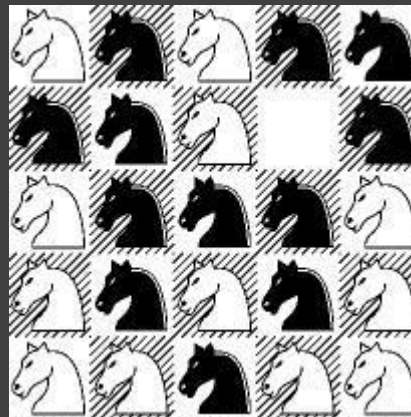
Photo Source: Wonder Costumes





# Knights in Fen

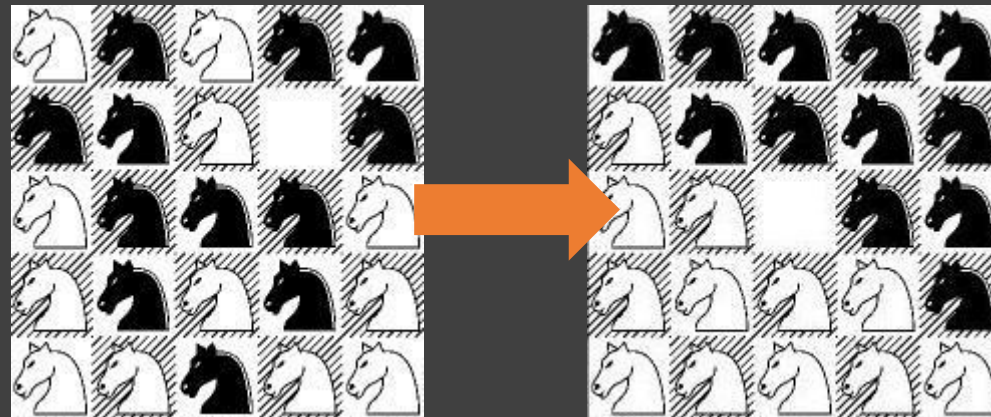
There are black and white knights on a 5 by 5 chessboard. There are twelve of each color, and there is one square that is empty.





# Knights in Fen

Given an initial position of the board, your task is to find the minimum number of moves to reach the final position if it can be done in less than 11 moves.



## Sample Input

1

01011

110 1

01110

01010

00100

## Sample Output

Unsolvable in less  
than 11 move(s).

## Sample Input

1

10110

01 11

10111

01001

00000

## Sample Output

Solvable in 7  
move(s) .

# Knights in Fen

<https://open.kattis.com/problems/knightsfen>