## $1,2, \ldots, 10$

Pieces and Board: This game is played on a 1 by 10 board. The initial position is an empty board.

To Move: Players alternate placing either one or two pieces on the leftmost open squares. In

To Win: The first player to place the tenth piece on the board is the winner.


Right places 1 to make it $8 \quad$ Left places 2 to make it 10


Left wins
because it reached 10 first

- Misére Rules: The first player to place the tenth piece on the board is the loser.


## Position Representation:

- (T sum-so-far)
$T$ stores whose turn it is (L or R), sum-so-far stores the sum so far. Example representation for initial position: (L 0)


