

Readme:

The Rules:

This game is a typical cross and circle game, and the players need to move chess pieces from start point to the end point and not getting hit by enemy chess pieces. There are 4 player pieces in red, green, blue and yellow, and 8 enemy pieces. The game board consists of tiles and a box, including 100 tiles outside the box and 81 tiles inside the box. When the game started, 4 player pieces are outside the board, and 8 enemy pieces are inside the board, 6 of them are outside the box and 2 of them are inside the box. The players then roll the dice, and choose one of the chess to place it on the start tile of that chess. The enemy chess then move, and players roll the dice again. If the chess they choose is not on the board yet, the chess will be placed on the start tile. If the chess they choose is on the board, the chess will move forward n tiles, where n =the dice value. The viewpoint will move forward too. After the chess piece move, if the tile under the chess has the same color as the chess, the chess will move 1 step forward. If there are enemy chess there, all of the enemy chess are transferred inside the box if the chess are outside, or outside the box if the chess are inside, which means it is impossible to kill an enemy. If the chess is in the win position, that chess win and gain 300 points. Whenever players roll the dice, 6 points will be deducted unless they roll a 6, and there is no lower bound for points.

The enemies move in a different way. When they are outside the box, they move 1 to 6 steps forward. When they are inside the box, they will move in a special way. When an enemy enter the box, it gets a moving order, a random sequence consists of 0 to 8 with no duplicates, and a direction (horizontal or vertical) . For example, if the sequence is {0,1,3,5,7,2,4,6,8}, and the direction is horizontal. The chess will be placed at (0,0) when it enters the box, and move to (1,0), and (3,0), (5,0),(7,0),(2,0),(4,0) (6,0) (8,0) then (0,0) and so on. If the place the enemy is moving to has player chess on, all of the player chess there will be removed and dead.

Keybindings:

- 1 Switch the viewpoint to Red piece
- 2 Switch the viewpoint to Green piece
- 3 Switch the viewpoint to Blue piece
- 4 Switch the viewpoint to Yellow piece
- o Roll the dice
- a, b, c, d View the game board. Only half of the outside game board is shown. Doing this will deduct 1 dice value
- w View the game board inside the box. Doing this will deduct 2 dice value