

# Connect Four

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# Group Members

- Tasha Bruner - Scribe, Website Developer
- Sarah Pavlick - Scribe, Website Developer
- Aaron Savel - Matlab Coder, Website Developer
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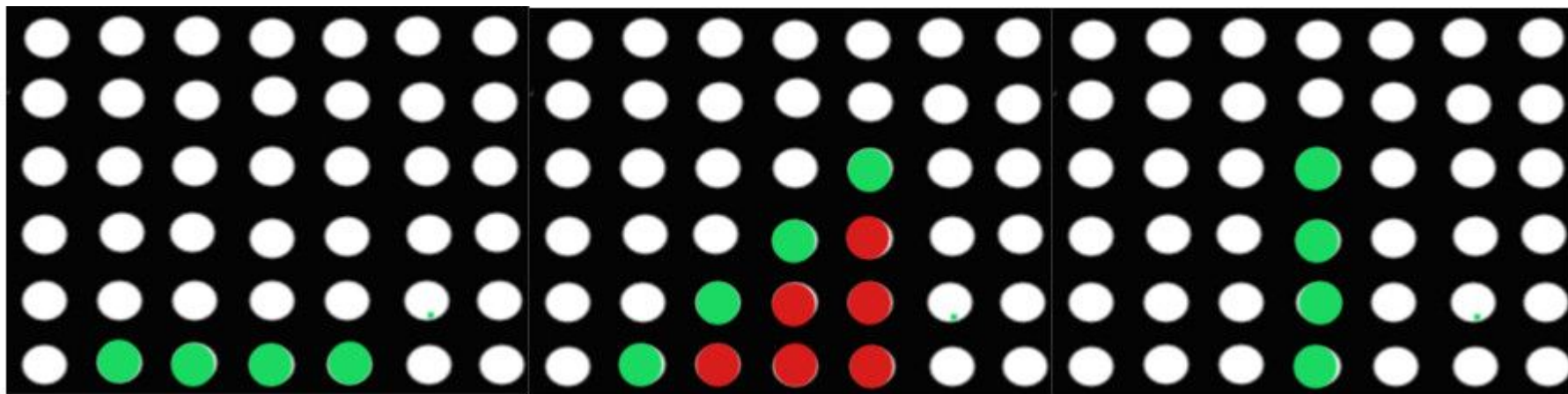
# Introduction

- Connect Four is “The Original Vertical Four-In-A-Row Checkers Game”
- Legend of ancestor Captain Cook who created first version of Connect Four called Captain’s Mistress
- The first popular version of “Connect 4” was introduced in February 1974 by Milton Bradley
- Multiple Versions of Connect Four
  - Four Balls
  - Score Four
  - Mega 4 in a Line



# Goal

Be the first player to connect four counters in a vertical, horizontal, or diagonal line.



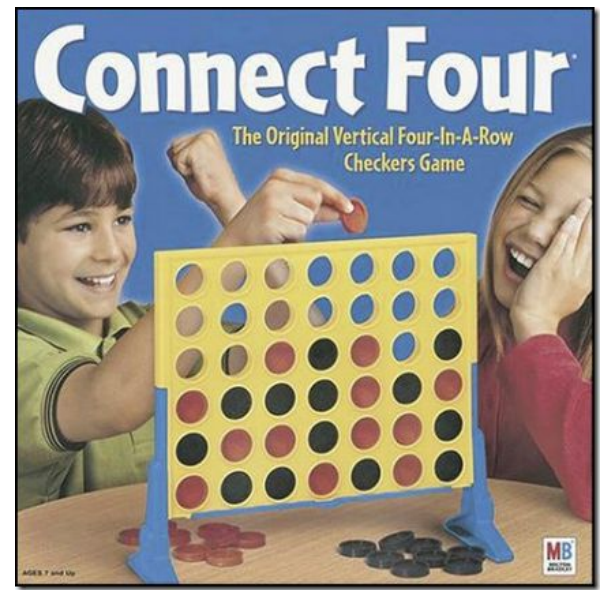
# How to Play

- Two player game (player 1 & player 2)
  - Each player is given a specific color of counter to use throughout the game
1. The first player places one counter into a vertical shoot on the game board.
  2. Then the second player will place one of their counters into a vertical shoot of their choice.
  3. This repeated pattern continues until one of the players has four counters placed in a horizontal, vertical, or diagonal line.
  4. The player with the four connected counters wins the game.

# Specific to Matlab

- Uses numbers instead of pieces visually
  - Uses 0 for blank spaces
  - 1 for player 1 tokens
  - 2 for player 2 tokens
- Put the specific rules of connect four into matlab and had the computer run the functions

# Demonstration



Matlab game!

# Sales Pitch

## Why Connect Four?

- Easy to learn and understand, you can start playing instantly
- Play with a friend
- Use problem solving and investigative skills
- Encourages your mind to think about patterns, understand your opponent's logic, and plan ahead
- No clean up; not the old, boring version of Connect Four



# SDP Games

- Connect Four
- Tic Tac Toe