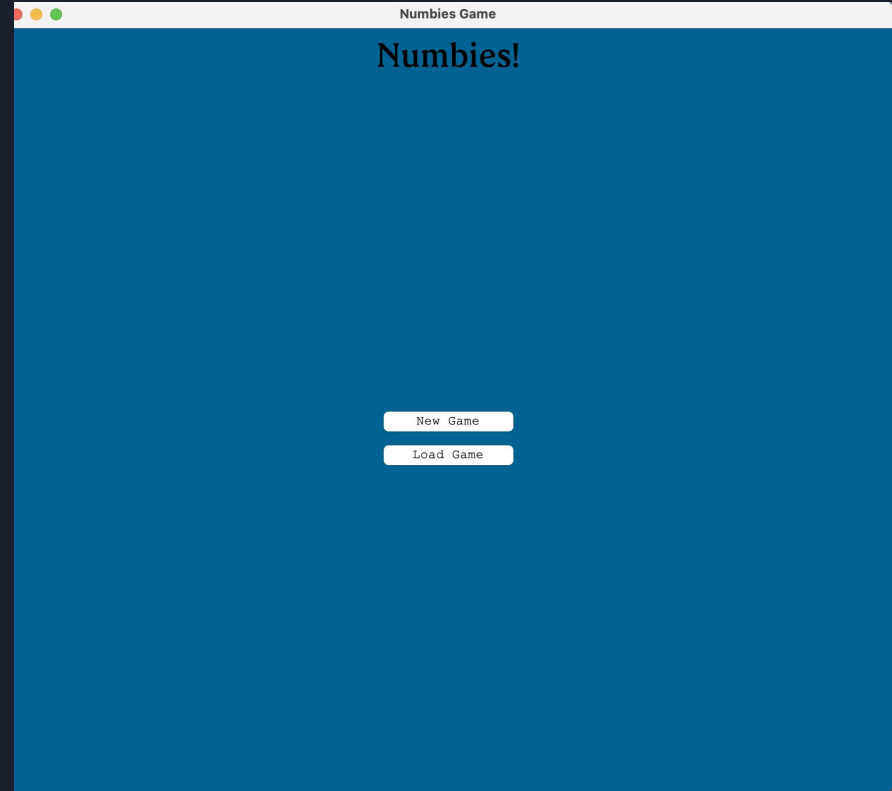# CSE 4300 Project

By Ethan Gurry

Number Guessing Game

- Called numbies
- Created the idea with brother and friends
  - Originally played with chalkboard
  - Made it up around 5 years ago

Game Overview/Rules

- 1 player called gamemaster picks a number
- Number of guesses per player are determined by number of digits in the gamemaster's number
  - Points possible depends on digits
- Gamemaster responds up or down to each guess
- Last guess is special
  - Guess one digit at a time
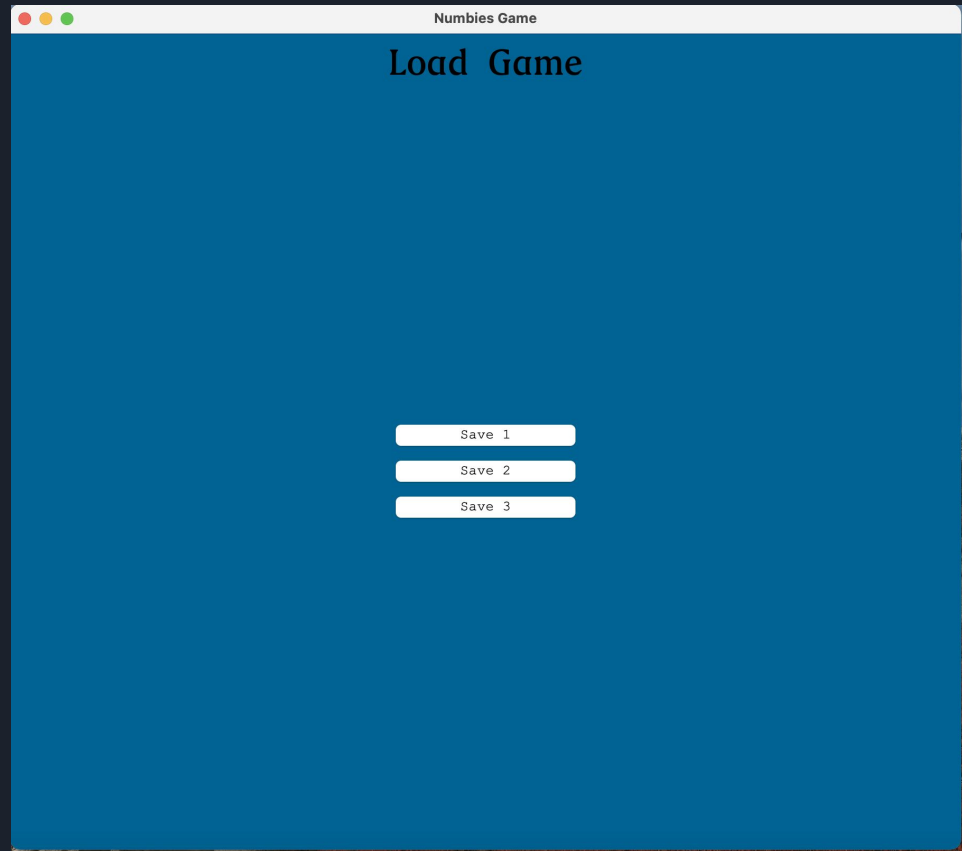 - gamemaster responds yes or no to each digit

Design

- Created with java and java swing in intellij IDEA
- Classes
  - Player
    - Name, score
  - Game
    - Calculate points
    - Determine turns
    - Change order of players
    - Make guess
  - SaveFile
    - Save
    - load

Load Screen

New Game

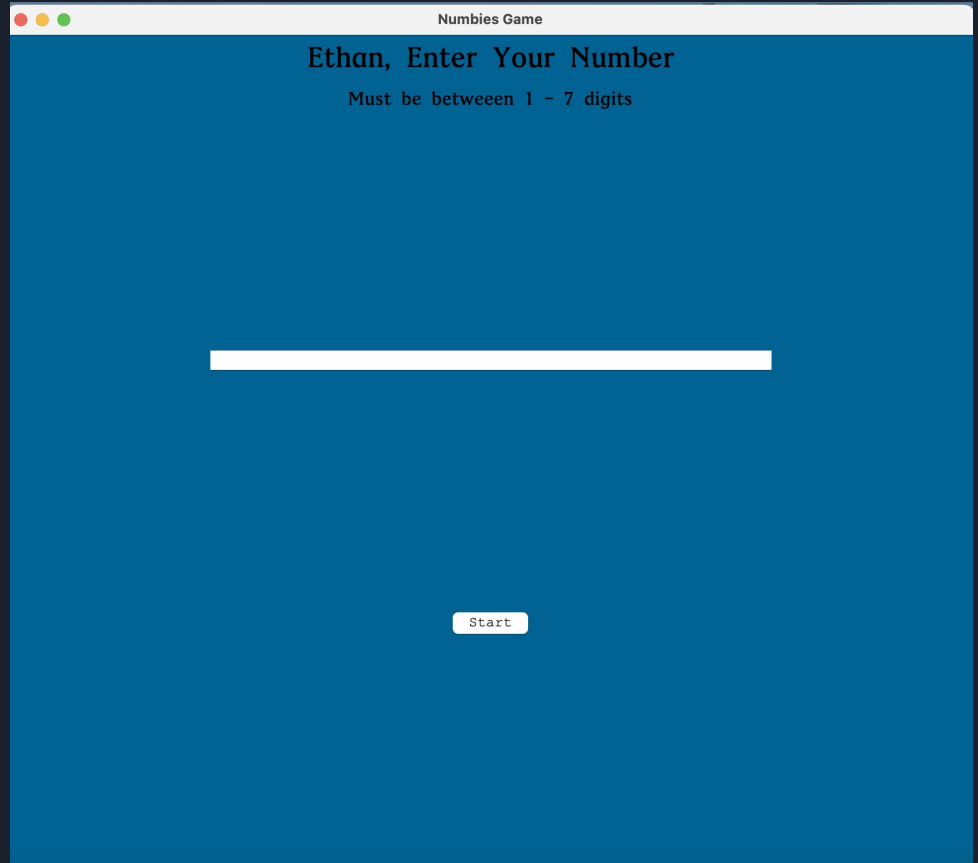Numbies Game

Select Number of Players

2

Select

Enter Player 1's Name:

Enter

Gamemaster Screen

Game Board

- Add to guesses
- Reveal Digit
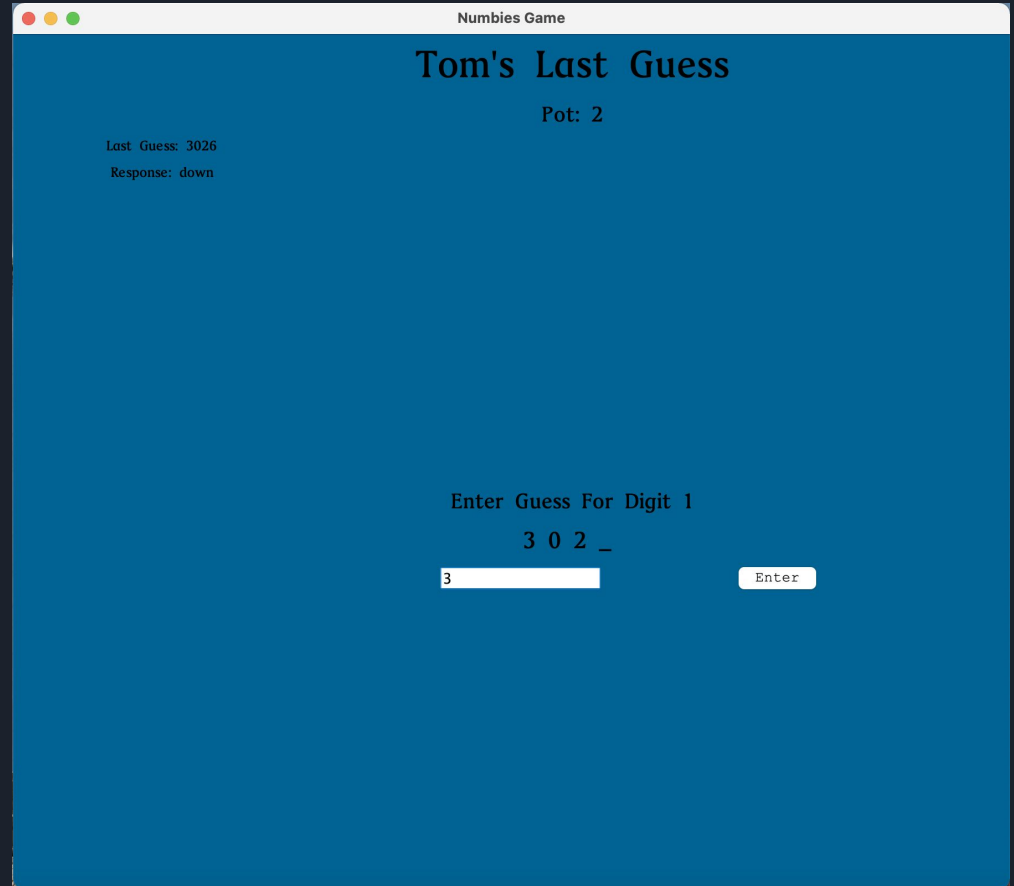
Last Guess

- Used a lot of the same logic as game board

Continue Screen

Numbies Game

Continue?

Save and Exit   Next Round