



# 2048 Game

Presented by Simeng Hua



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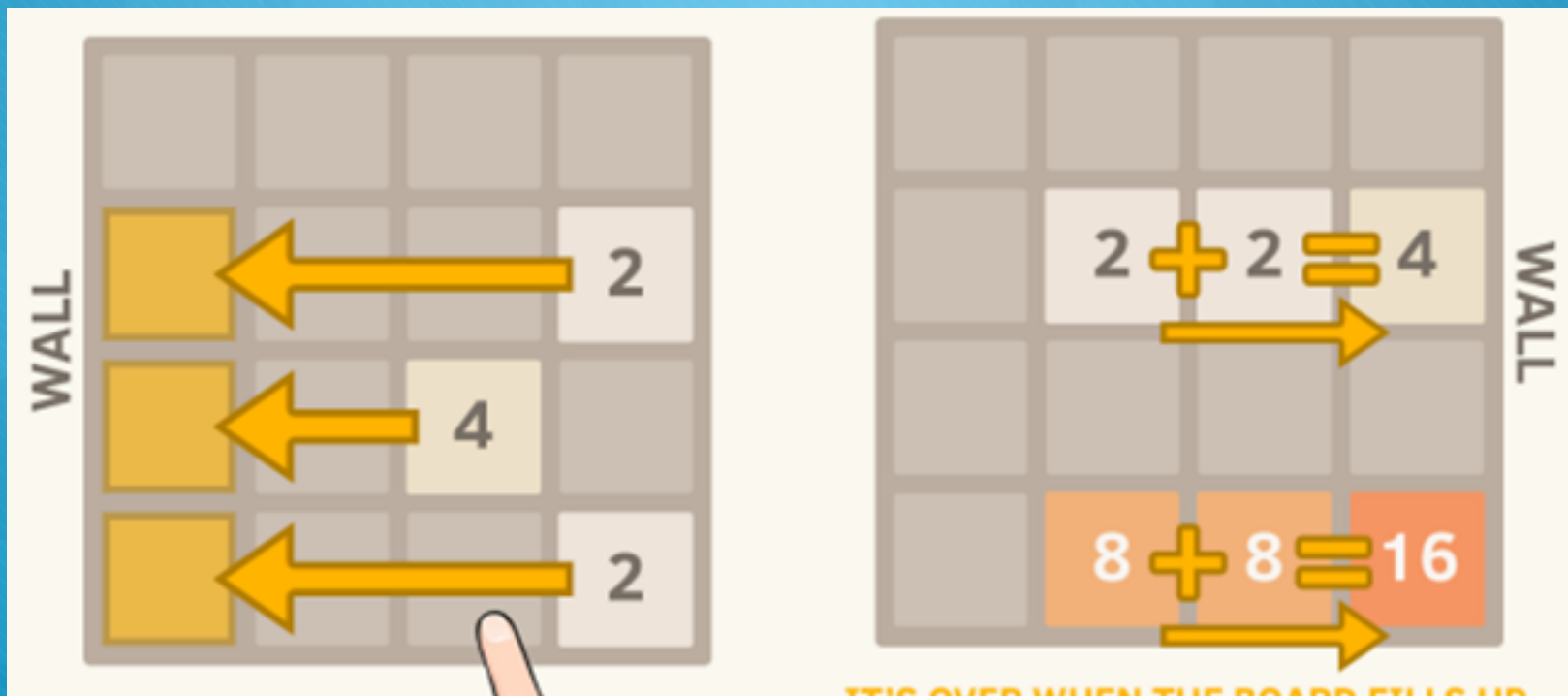




# What is 2048?

- 2048 game is a simple single-user math game
- A board of 4x4 tiles as its game space
- Users can use arrow keys to slide tiles
- Two neighboring tiles with same number can be combined into one tile.
- The number on the newly generated tile will be the summation of those two numbers

# What is 2048?







# Target Audience

- ◊ Who are they?
  - ◊ Anyone who enjoy web games or math games
- ◊ How are their needs met?
  - ◊ Enable players enjoy the game in two modes
  - ◊ With their scores be recorded, they can have competition with their friends



# Current Features

- ◊ Homepage
- ◊ Instruction Page
- ◊ Leaderboard Page
- ◊ Classic Mode
- ◊ Adventure Mode





# Future Plans

- Merge several HTML pages into one single page, while keeping the current functions
- This game is now web based. An Android application can be developed out of it.
- We also plan to add a “Challenge your friend” mode, letting players play on the same page with separate board.



# Challenges and Learning

- ◊ Learning new languages
- ◊ Finding the most efficient algorithm to move tiles
- ◊ Use local storage to store score and generate leaderboard





# Contact

- GitHub Repository:

- <https://github.com/simenghua/OpenSource>

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