

2048

2048 is a single-player sliding tile puzzle video game written by Italian web developer Gabriele Cirulli and published on GitHub. The objective of the game is to slide numbered tiles on a grid to combine them to create tiles with the larger numbers with goal of a tile with the number of 2048.

GamePlay

2048 is played on a plain 4×4 grid, with numbered tiles that slide when a player moves them using the four arrow keys. The game begins with two tiles already in the grid, having a value of either 2 or 4, and another such tile appears in a random empty space after each turn. Tiles slide as far as possible in the chosen direction until they are stopped by either another tile or the edge of the grid. If two tiles of the same number collide while moving, they will merge into a tile with the total value of the two tiles that collided. The resulting tile cannot merge with another tile again in the same move.

If a move causes three consecutive tiles of the same value to slide together, only the two tiles farthest along the direction of motion will combine. If all four spaces in a row or column are filled with tiles of the same value, a move parallel to that row/column will combine the first two and last two. Scoreboard on the lower line keeps track of the user's score. The user's score starts at zero, and is increased whenever two tiles combine, by the value of the new tile.

The game is won when a tile with a value of 2048 appears on the board. When the player has no legal moves (there are no empty spaces and no adjacent tiles with the same value), the game ends.

Keyboard:

Arrow keys for direction

H = Help

Q = Quit

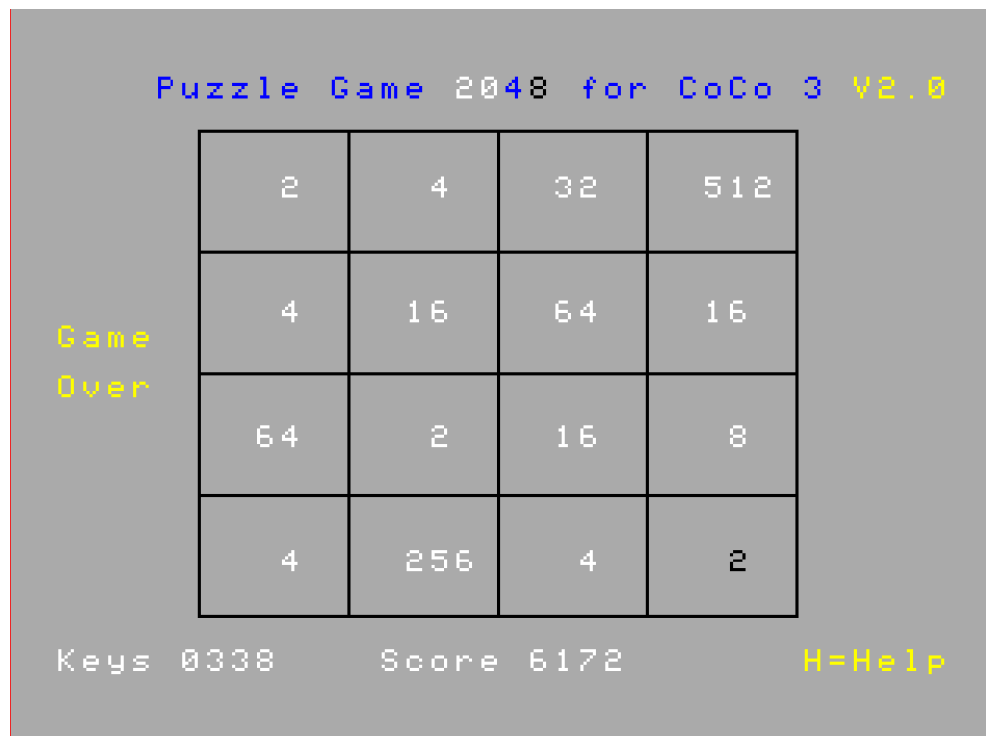
N = New Game

F = Toggle Flashing 2048 on/off

S = Toggle Sound on/off

V = Video swap (RGB/CMP) Default/Startup = RGB

Sample Screen & Highest I got during testing ☹



NOTE:Version 2.1 fixes some bugs:

1) Score no longer wraps at 10,000

2) The game won't restart on CMP/RGB change.

3) Every move won't beep after a 2048 square is achieved.

(2.1 Notes added by L. Curtis Boyle)

Please distribute **FREELY** with no changes and include this document.

GB Janssen August 2023