**Pseudo-code**

//This program will allow the user to combine even #tiles of the same value together.

//When page loads add

4X4 board

Two numbered two tiles that will appear randomly on the board

Listen for

up arrow, left arrow, down arrow, right arrow

If arrows are pressed move all tiles in that direction

return a #2 tile randomly on the board each time arrows are clicked

When tiles hit

Combine tiles together only if tiles are same number

return total sum of two numbers to new tile

Add that total sum to the score

Print total sum of the two numbers onto score

}

If board is full of tiles

Return Game Over and light up Reset Button}

Listen for event when a tile equals 2048

If tile equals 2048

Return Winner

Return Continue

If continue button is pressed

Keep playing

If reset button is clicked

Clear board and return a board with two #2 tiles