https://kerwinteh.github.io/cs20/Assignment5/index.html

```
<head>
                                                                                                                                            <link rel="stylesheet" href="style.css">
<script src="index.js"></script>
                                                                                                           <div id="table"></div> <br/> <
             html → body → div#table

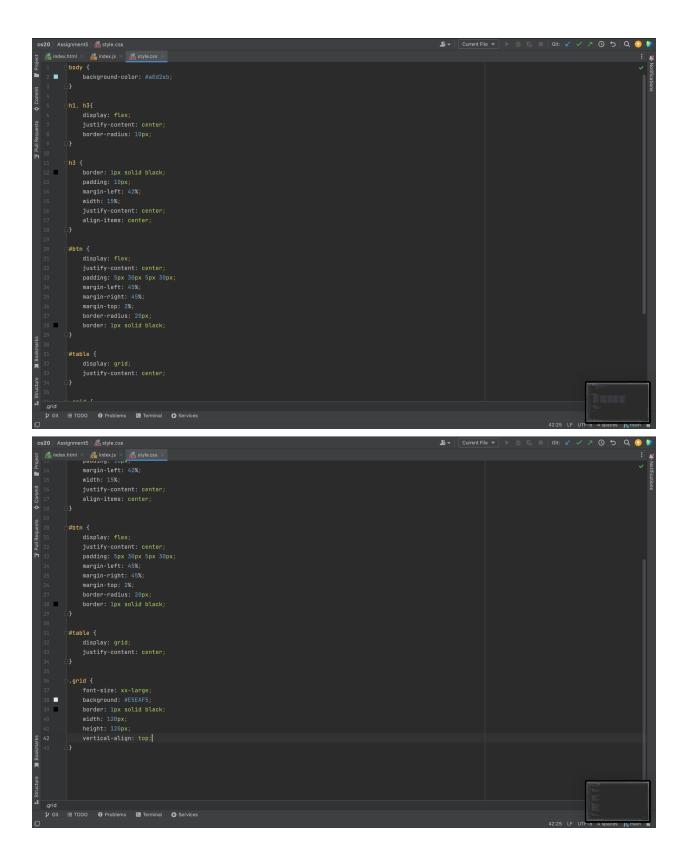
$\bar{p}$ Git \( \overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\o
             let takenBoxes;
                                                                                                   window.onload = function () {
   button = document.getElementById( elementid: "btn");
   button.onclick = function () {
                                                                                                                                                      let grid = document.getElementById( elementId: "table");
for(let i = 0; i < 3; i++) {
    let row = document.createElement( tagName: 'div');</pre>
                    Window.onload() → playerTurn

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```
cs20 > Assignment5 > 1 playerTurn
                                                                                                                                                                                                                                                                      05 00
                                document.getElementById(id).innerHTML = currentPlayer;
takenBoxes[id] = currentPlayer;
playerTurn.innerHTML = 'Player 0 turn';
                                 player for n. Inter-Inter-
if (checkWinner()){
  playerTurn.innerHTML = currentPlayer + " wins!";
  button.style.display = "block";
                                takenBoxes[id] = currentPlayer;
playerTurn.innerHTML = 'Player X turn';
if(checkWinner()){
 Window.onload() → playerTurn

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                                        playerTurn.innerHTML = "DRAW";
                  function isGridFull(){
                  for(let i = 0; i < 9; i++){
    if(takenBoxes[i] === ''){
 Window.onload() → playerTurn

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```



Answer to question

```
//create grid
let grid = document.getElementById( elementId: "table");
for(let i = 0; i < 3; i++) {
    let row = document.createElement( tagName: 'div');
    for(let j = 0; j < 3; j++) {
        let cell = document.createElement( tagName: 'button');
        cell.className = 'grid';
        let idNum = i*3 + j;
        cell.id = ''+ idNum;
        cell.onclick = function () {myClick(cell.id)};
        row.append(cell);
    }
    grid.append(row);
}</pre>
```

This was the javascript for loop I wrote to build the grid for the tic tac toe box. I was most proud of this because it took me awhile to find a way to construct a grid on the page using buttons.