

The screenshot shows a dark-themed code editor interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** Tic-Tac-Toe
- Explorer:** Shows a folder named "TIC-TAC-TOE" containing "index.html", "script.js", and "# styles.css".
- Editor Area:** Displays the content of "index.html".

```
index.html # styles.css script.js
index.html > html > body > button#reset-btn
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Tic-Tac-Toe</title>
7      <link rel="stylesheet" href="# styles.css">
8  </head>
9  <body>
10     <h1>Tic Tac Toe Game</h1>
11     <div class="container">
12         <div class="board">
13             <button class="box"></button>
14             <button class="box"></button>
15             <button class="box"></button>
16             <button class="box"></button>
17             <button class="box"></button>
18             <button class="box"></button>
19             <button class="box"></button>
20             <button class="box"></button>
21         </div>
22     </div>
23     <button id="reset-btn">Reset Game</button>
24     <script src="script.js"></script>
25 </body>
26 </html>
```

A screenshot of a dark-themed code editor, likely Visual Studio Code, displaying a project for a "TIC-TAC-TOE" application. The interface includes a top navigation bar with File, Edit, Selection, View, Go, Run, Terminal, and Help options. Below the navigation is a search bar containing "Tic-Tac-Toe".

The left sidebar features an "EXPLORER" section with a tree view showing the project structure under "TIC-TAC-TOE": index.html, script.js, and styles.css. The "styles.css" file is currently selected.

The main workspace shows the contents of the "styles.css" file:

```
index.html # styles.css script.js
# styles.css > #reset-btn
29 .board{
30   justify-content: center;
31   align-items: center;
32   gap: 1.5vmin;
33 }
34 .box{
35   height: 18vmin;
36   width: 18vmin;
37   gap: 10px;
38   border-radius: 1rem;
39   border: none;
40   font-size: 8rem;
41   font-weight: bold;
42   color: red
43 }
44 #reset-btn{
45   display: block;
46   margin: 20px auto;
47   padding: 10px 20px;
48   font-size: 1.2rem;
49   background-color: #eaeeee;
50   color: #070000;
51   border: none;
52   border-radius: 5px;
53   cursor: pointer;
54 }
```

```
File Edit Selection View Go Run Terminal Help < > Q Tic-Tac-Toe
EXPLORER
TIC-TAC-TOE
index.html
script.js
styles.css
index.html    # styles.css    JS script.js
JS script.js > checkWin
1 let boxes = document.querySelectorAll('.box');
2 let resetButton = document.getElementById('reset-btn');
3 let currentPlayer = 'X';
4 let gameActive = true;
5
6 const winningConditions = [
7   [0, 1, 2],
8   [0, 3, 6],
9   [0, 4, 8],
10  [1, 4, 7],
11  [2, 5, 8],
12  [2, 4, 6],
13  [3, 4, 5],
14  [6, 7, 8]
15];
16
17 boxes.forEach((box) => {
18   box.addEventListener('click', () => {
19     console.log('Box was clicked');
20     if (box.textContent === '') {
21       box.textContent = currentPlayer;
22       checkWin();
23       currentPlayer = currentPlayer === 'X' ? 'O' : 'X';
24     }
25   });
26 });
27
28 function checkWin() {
29   let win = false;
30   for (let i = 0; i < winningConditions.length; i++) {
31     const [a, b, c] = winningConditions[i];
32     if (boxes[a].textContent && boxes[b].textContent && boxes[c].textContent)
33       if (boxes[a].textContent === boxes[b].textContent && boxes[b].textContent === boxes[c].textContent)
34         win = true;
35       break;
36   }
37 }
```

A screenshot of a Microsoft Windows desktop environment. In the center, a Microsoft Edge browser window displays a simple Tic-Tac-Toe game interface. The game board consists of a 3x3 grid of empty squares. At the top, there is a header with the text "Tic-Tac-Toe". Below the board, there is a "Reset" button. On the left side of the screen, the Visual Studio Code (VS Code) application is open. The Explorer sidebar shows a project folder named "TIC-TAC-TOE" containing files: "index.html", "script.js", and "styles.css". The "styles.css" file is currently being edited in the main editor area. The code in "styles.css" defines CSS rules for the game's HTML elements, including the body, h1, container, and board classes. The code uses a dark theme and includes color definitions like "#548675" and "#eaeeea". The bottom right corner of the screen shows the Windows taskbar with icons for File Explorer, Task View, Task Manager, WhatsApp, and a few other applications. The system tray shows the date and time as "Ln 60, Col 2 Spaces 4 UTF-8 CR" and the weather as "26°C Partly cloudy".

```
# styles.css > #reset-btn
1  *{
2    margin: 0px;
3    padding: 0px;
4    box-sizing: border-box;
5  }
6
7  body{
8    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
9    background-color: #548675;
10   color: #e7e7e7;
11   line-height: 1.6;
12   padding: 20px;
13 }
14
15  h1{
16   color: #eaeeea;
17   margin-bottom: 20px;
18   text-align: center;
19   font-family: italic;
20 }
21
22  .container{
23   height: 70vmin;
24   display: flex;
25   justify-content: center;
26   align-items: center;
27 }
28
29  .board{
30   height: 60vmin;
31   width: 60vmin;
32   display: flex;
33   flex-wrap: wrap;
34   justify-content: center;
35   align-items: center;
36   gap: 1.5vmin;
37 }
```

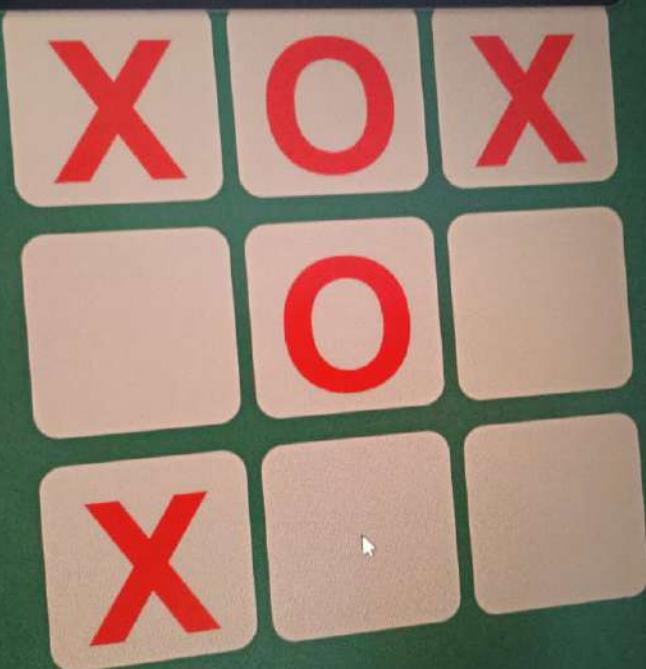
0.1:5500



127.0.0.1:5500 says

Player O wins!

OK



Reset Game



ENG IN

Tic Tac Toe Game



Reset Game



File Edit Selection View Go Run Terminal Help ← → Q Tic-Tac-Toe

EXPLORER

TIC-TAC-TOE

- index.html
- # styles.css
- JS script.js

script.js > checkWin

```
17 boxes.forEach((box) => {
18   ...
19 });
20
21 function checkWin() {
22   let win = false;
23   for (let i = 0; i < winningConditions.length; i++) {
24     const [a, b, c] = winningConditions[i];
25     if (boxes[a].textContent === boxes[b].textContent && boxes[a].textContent === boxes[c].textContent) {
26       win = true;
27       break;
28     }
29   }
30   if (win) {
31     alert(`Player ${currentPlayer} wins!`);
32     gameActive = false;
33   } else if (Array.from(boxes).every(box => box.textContent !== '')) {
34     alert("It's a draw!");
35     gameActive = false;
36   }
37 }
38
39 resetButton.addEventListener('click', () => {
40   boxes.forEach((box) => {
41     box.textContent = '';
42   });
43   currentPlayer = 'X';
44   gameActive = true;
45 });
46
47
48
49
50
51
52
53 }
```

Ln 31, Col 57 Spaces: 4 UTF-8 CRLF JavaScript ENG IN 06-02-2024

Windows Taskbar icons: Start, Search, File Explorer, Task View, Edge, Google Chrome, Visual Studio Code.