



TIC TAC TOE

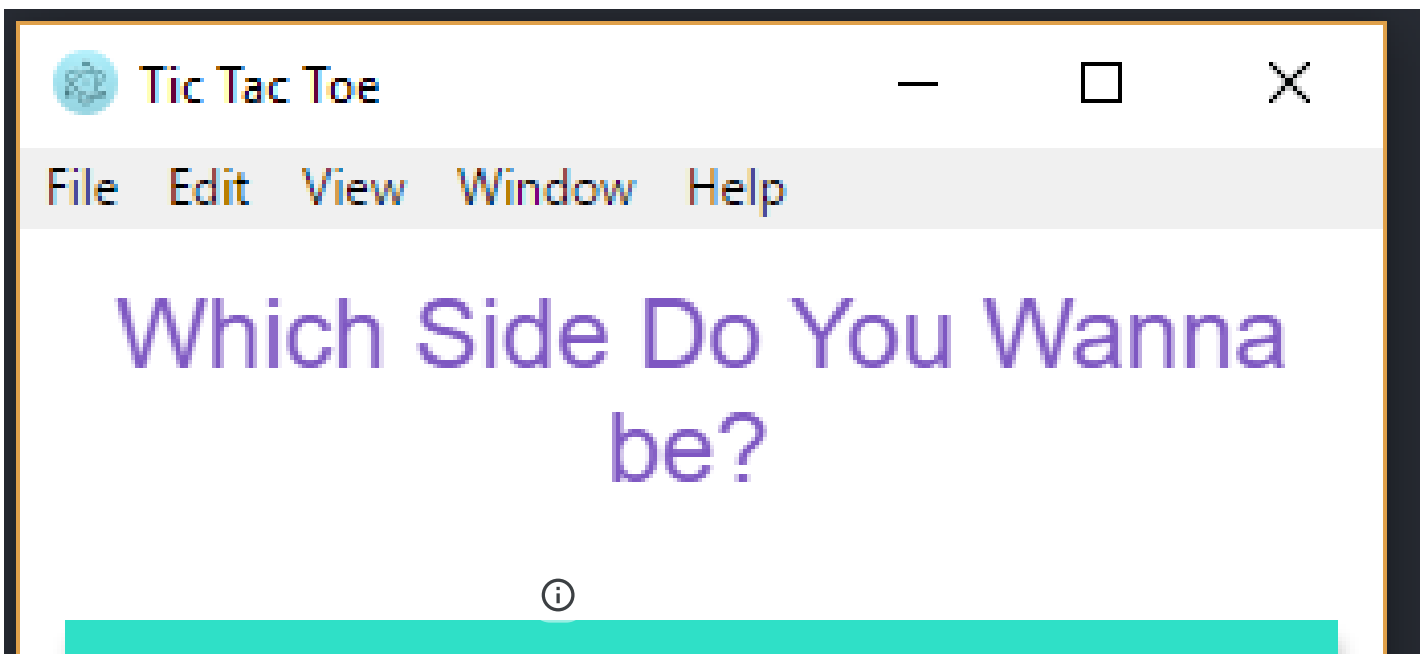
INSTRUCTIONS

Run the code using
`npm start`

OBSERVATION

A window will appear with html rendered from Welcome.html


OUTPUT



×


X

O

 Tic Tac Toe

—□×

File Edit View Window Help



×

Tic Tac Toe

—□×

File Edit View Window Help



INDEX.JS

```
const electron = require("electron");

const App = electron.app;

const BrowserWindow = electron.BrowserWindow;

var MainWindow = null;

App.on("ready", () => {
  MainWindow = new BrowserWindow({width:350,height:550});
  MainWindow.loadURL(`file:///${__dirname}/Welcome.html`);
})
```

WELCOME.HTML

```
<!DOCTYPE html>

<html>
  <head>
    <title>Tic Tac Toe</title>
    <style>
      td
      {
        background-color: #7E57C2;
        text-align: center;
        height: 100px;
        width: 100px;
        font-size: 250%;
        color: white;
        font-family: Arial, Helvetica, sans-serif;
        box-shadow: 5px 5px 5px #cccccc;
      }

      body
      {
        background-color: white;
```





button

```
{
    height:50px;
    width:312px;
    background-color:#2FE0C7;
    color:white;
    border-style:solid;
    border-color:#2FE0C7;
    border-width:0px;
    font-size:40%;
    box-shadow: 1px 5px 5px #cccccc;
}
```

#trb

```
{
    background-color:#FFFFFF;
    box-shadow: 0px 0px 0px #999999;
}
```

#d

```
{
    font-family: Arial, Helvetica, sans-serif;
    font-size: 150%;
    text-align: center;
    color:#7E57C2;
}
```

</style>

</head>

<body id="b">

<table style='margin-top: 0px;margin-bottom:10px;display:none;' id="tb1">

<tr>

<td id='td1' onclick='changingValue()' style="background-color: #7E57C2;">-</td>

<td id='td2' onclick='changingValue()' style="background-color: #7E57C2;">-</td>

<td id='td3' onclick='changingValue()' style="background-color: #7E57C2;">-</td>

```

<td id='td1' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
</tr>
<tr>
<td id='td2' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
<td id='td3' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
<td id='td4' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
<td id='td5' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
<td id='td6' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
</tr>
<tr><td id='td7' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
<td id='td8' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
<td id='td9' onclick='changingValue()'
style="background-color: #7E57C2;">-</td>
</tr>
</table>
<table>
<tr>
<td id='trb' style="display:none;margin-top:20px">
</td>
</tr>
</table>

<div id="d" style="">
  Which Side Do You Wanna be?
<br>
<br>
<button type="button" onclick="one()" style="background-
color:#2FE0C7;font-size:100%">X</button>
<br>
<br>
<button type="button" onclick='two()' style="background-
color:#2FE0C7;font-size:100%">O</button>
</div>

</body>
<script>

```



```
</script>
<script>
    var X = "X";
    var O = "O";

    var flag;
    var dy = document.getElementById("d");
    var table1=document.getElementById("tb1");
    var trb = document.getElementById("trb");

    var gameover = false;

    var td1 = document.getElementById("td1");
    var td2 = document.getElementById("td2");
    var td3 = document.getElementById("td3");
    var td4 = document.getElementById("td4");
    var td5 = document.getElementById("td5");
    var td6 = document.getElementById("td6");
    var td7 = document.getElementById("td7");
    var td8 = document.getElementById("td8");
    var td9 = document.getElementById("td9");

    var a = [9];
    a[0]=td1;
    a[1]=td2;
    a[2]=td3;
    a[3]=td4;
    a[4]=td5;
    a[5]=td6;
    a[6]=td7;
    a[7]=td8;
    a[8]=td9;

    function changingValue() {
        var id = event.target;
        if (gameover == false)
        {
            if (id.innerHTML == "-")
```


X



```
{  
  
    if (flag == true)  
    {  
        id.innerHTML = X;  
        flag = false;  
    }  
    else  
    {  
        id.innerHTML = O;  
        flag = true;  
    }  
  
    }  
    check(X);  
    check(O);  
}  
  
}  
  
function reload()  
{  
    for(var i = 0;i<9;i++)  
    {  
        a[i].innerHTML = "-";  
        a[i].style.backgroundColor = "#7E57C2";  
        gameover = false;  
        flag= true;  
        trb.innerHTML = "";  
    }  
    table1.style.display ="none";  
    trb.style.display ="none";  
    d.style.display ="block";  
}  
  
function check(s)  
{  
    if (td1.innerHTML == s && td5.innerHTML == s &&  
td9.innerHTML == s)  ⓘ  
    {  
        r
```

```

    td1.style.backgroundColor = "#2FE0C7";
    td5.style.backgroundColor = "#2FE0C7";
    td9.style.backgroundColor = "#2FE0C7";
    gameover = true;
    trb.innerHTML ="<button onclick='reload()'>New
Game</button>";
}

    if (td3.innerHTML == s && td5.innerHTML == s &&
td7.innerHTML == s)
    {
        td3.style.backgroundColor = "#2FE0C7";
        td5.style.backgroundColor = "#2FE0C7";
        td7.style.backgroundColor = "#2FE0C7";
        gameover = true;
        trb.innerHTML ="<button onclick='reload()'>New
Game</button>";
    }

    if (td2.innerHTML == s && td5.innerHTML == s &&
td8.innerHTML == s)
    {
        td2.style.backgroundColor = "#2FE0C7";
        td5.style.backgroundColor = "#2FE0C7";
        td8.style.backgroundColor = "#2FE0C7";
        gameover = true;
        trb.innerHTML ="<button onclick='reload()'>New
Game</button>";
    }

    if (td1.innerHTML == s && td4.innerHTML == s &&
td7.innerHTML == s)
    {
        td1.style.backgroundColor = "#2FE0C7";
        td4.style.backgroundColor = "#2FE0C7";
        td7.style.backgroundColor = "#2FE0C7";
        gameover = true;
        trb.innerHTML ="<button onclick='reload()'>New
Game</button>";
    }

```



}





```
        if (td3.innerHTML == s && td6.innerHTML == s &&
td9.innerHTML == s)
        {
            td3.style.backgroundColor = "#2FE0C7";
            td6.style.backgroundColor = "#2FE0C7";
            td9.style.backgroundColor = "#2FE0C7";
            gameover = true;
            trb.innerHTML ="<button onclick='reload()>New
Game</button>";
        }
```

```
        if (td4.innerHTML == s && td5.innerHTML == s &&
td6.innerHTML == s)
        {
            td4.style.backgroundColor = "#2FE0C7";
            td5.style.backgroundColor = "#2FE0C7";
            td6.style.backgroundColor = "#2FE0C7";
            gameover = true;
            trb.innerHTML ="<button onclick='reload()>New
Game</button>";
        }
```

```
        if (td1.innerHTML == s && td2.innerHTML == s &&
td3.innerHTML == s)
        {
            td1.style.backgroundColor = "#2FE0C7";
            td2.style.backgroundColor = "#2FE0C7";
            td3.style.backgroundColor = "#2FE0C7";
            gameover = true;
            trb.innerHTML ="<button onclick='reload()>New
Game</button>";
        }
```

```
        if (td7.innerHTML == s && td8.innerHTML == s &&
td9.innerHTML == s)
        {
            td7.style.backgroundColor = "#2FE0C7";
```





```
td8.style.backgroundColor = "#2FE0C7";
td9.style.backgroundColor = "#2FE0C7";
gameover = true;
trb.innerHTML ="<button onclick='reload()>New
Game</button>";
    }


    if (td1.innerHTML != "-" && td2.innerHTML != "-"
&& td3.innerHTML != "-" && td4.innerHTML != "-" && td5.innerHTML
!= "-" && td6.innerHTML != "-" && td7.innerHTML != "-" &&
td8.innerHTML != "-" && td9.innerHTML != "-")
    {
        gameover = true;
        trb.innerHTML ="<button onclick='reload()>New
Game</button>";
    }
}

function one()
{
    flag=true;
    table1.style.display ="block";
    trb.style.display ="block";
    d.style.display ="none";
}

function two()
{
    flag=false;
    table1.style.display ="block";
    trb.style.display ="block";
    d.style.display ="none";
}

</script>

</html>
```





PACKAGE.JSON

```
{  
  "name": "electrontest",  
  "version": "1.0.0",  
  "description": "",  
  "main": "index.js",  
  "scripts": {  
    "start": "electron .",  
  },  
  "author": "",  
  "license": "ISC"  
}
```

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