<https://github.com/devmountainwon5/vanillajs>

let turn = 'o'

let xMoves = [];

let oMoves = [];

const blocks = [

{id:1, hasBeenClicked: false},

{id:2, hasBeenClicked: false},

{id:3, hasBeenClicked: false},

{id:4, hasBeenClicked: false},

{id:5, hasBeenClicked: false},

{id:6, hasBeenClicked: false},

{id:7, hasBeenClicked: false},

{id:8, hasBeenClicked: false},

{id:9, hasBeenClicked: false},

]

const hasBeenClicked = (num) => {

const answer = blocks.reduce((bool, e)=>{

if(e.id === Number(num) && !e.hasBeenClicked){

e.hasBeenClicked = true;

bool = false;

}

return bool;

}, true)

return answer

}

const handleClick = (num) => {

if(!hasBeenClicked(num)){

const element = document.getElementById(`block-${num}`)

turn = turn === "x" ? "o" : "x";

if(turn === "x"){

xMoves.push(Number(num))

}else{

oMoves.push(Number(num))

}

element.innerHTML = turn;

if(isWinner()){

alert(`${turn} wins`)

setTimeout(reset,5000)

}else if(isCat()){

alert(`It's a tie!`)

setTimeout(reset,5000)

}

}

}

const winningCombos = [

[1,2,3],

[4,5,6],

[7,8,9],

[1,4,7],

[2,5,8],

[3,6,9],

[1,5,9],

[3,5,7],

]

const reset = () => {

blocks.forEach((e)=> {

const element = document.getElementById(`block-${e.id}`)

element.innerHTML = "";

e.hasBeenClicked = false;

})

xMoves = []

oMoves = []

}

const isWinner = () => {

return winningCombos.reduce((bool, a)=>{

// console.log(a)

const movesX = xMoves.filter((e)=>{

return a.includes(e)

})

const movesO = oMoves.filter((e)=>{

return a.includes(e)

})

// console.log(moves)

if(movesO.length > 2){

bool = true;

}else if(movesX.length > 2){

bool = true;

}

return bool

}, false)

}

const isCat = () => {

return blocks.reduce((bool, e)=> {

if(!e.hasBeenClicked){

bool = false;

}

return bool;

}, true)

}

CSS – Element Styling

\*{

box-sizing: border-box;

font-family: sans-serif;

}

body{

background: black;

text-align: center;

}

h1{

color: white;

font-size: 100px;

margin-bottom: 0px;

}

.block {

background: white;

width: 120px;

height: 120px;

margin: 10px;

font-size: 95px;

}

section.tic-tac-toe-board {

margin: auto;

margin-top: 100px;

display: flex;

flex-wrap: wrap;

width: 450px;

}