TIC TAC TOE GAME

Script.js

```javascript
console.log("Welcome to Tik Tak toe ")
let turn ="X"
let gameover=false

//Function to change the Turn
const changeTurn =()=>{
    return turn==="X"?"0":"X"
}

//Function to check win
const checkwin=()=>{
    let boxtext=document.getElementsByClassName('boxtext');
    let wins = [
        [0,1,2],
        [3,4,5],
        [6,7,8],
        [0,3,6],
        [1,4,7],
        [2,5,8],
        [0,4,8],
        [2,4,6],
    ]
  wins.forEach(e=>{
      if((boxtext[e[0]].innerText===boxtext[e[1]].innerText) &&
(boxtext[e[2]].innerText===boxtext[e[1]].innerText) &&
(boxtext[e[0]].innerText!=="")){

document.querySelector('.info').innerText=boxtext[e[0]].innerText+ " WON"
          gameover=true

document.querySelector('.imgbox').getElementsByTagName('img')[0].style.wid
th='300px';
      }

  })
```

```
}

//Game Logic
let boxes=document.getElementsByClassName("box");
Array.from(boxes).forEach(element=>{
    let boxtext=element.querySelector('.boxtext');
    element.addEventListener('click',()=>{
        if(boxtext.innerText===''){
            boxtext.innerText=turn;
            turn= changeTurn();
            checkwin();
            if(!gameover){
                document.getElementsByClassName('info')[0].innerText='
Turn For '+turn;
            }


        }
    })
})

//Add onclicklistener to reset button
reset.addEventListener('click',()=>{
    let boxtexts=document.querySelectorAll('.boxtext');
    Array.from(boxtexts).forEach(element=>{
        element.innerText=" ";
    });
    turn="X";
    gameover=false
    document.getElementsByClassName("info")[0].innerText="Turn for "+turn;

document.querySelector('.imgbox').getElementsByTagName('img')[0].style.wid
th='0px';
})
```

Style.css

```css
@import
url('https://fonts.googleapis.com/css2?family=Roboto&display=swap');
*{
    margin: 0;
    padding: 0;
}
:root {
    --primary-color: #A82C48;
    --secondry-color: #43121d;
    --third-color: #f98169;
    --white-color: #fff;
    --text-color: #555;
    --text-gray: #999;
    --black-color: #000;
    --primary-font: 'Roboto', sans-serif;
    --secondry-font: 'Quicksand', sans-serif;
  }
  html {
    scroll-behavior: smooth;
  }
  ::-webkit-scrollbar {
    width: 0.625rem;
  }
  ::-webkit-scrollbar-track {
    background: var(--white-color);
  }
  ::-webkit-scrollbar-thumb {
    background:var(--primary-color);
  }


.titlee{
    background-color: black;
    color: white;
    height:75px;
    font-size: 27px;
    display: flex;
    align-items: center;
    padding: 0 12px;
    font-family: 'Roboto',sans-serif;
```

```css
}

/* nav ul{
    list-style-type:none;
} */

.gamecontainer{
    background-color: blanchedalmond;
    display: flex;
    justify-content: center;
    margin-top: 50px;


}

.container{
    display:grid;
    justify-content: center;
    grid-template-rows: repeat(3,10vw);
    grid-template-columns: repeat(3,10vw);
    font-family: 'Roboto', sans-serif;
}
.gameInfo h1{
    font-size: 300%;
}
.gameInfo span{
    font-size: 200%;
}
.gameInfo button{
    height: 50px;
    width:100px;
}
.box{
    border:2px solid black;
    font-size: 8vw;
    display: flex;
    justify-content: center;
    align-items: center;
    cursor:pointer;
}
.box:hover{
```

```css
        background-color: rgb(219, 196, 240);
}
.gameInfo{
    padding: 0 34px;


}

.imgbox img{
    width:0;
    transition: width is ease-in-out;
}

.br-0{
    border-right: 0;
}
.bl-0{
    border-left: 0;
}
.bt-0{
    border-top: 0;
}
.bb-0{
    border-bottom: 0;
}
#aboutttt{
    font-size: 35px;
    font-weight:300;



}


@media (max-width:991px){

    nav {
        height:150%;
        width: 100%;
    }
    #imgt{
        height:200px;
```

```css
        width:300px;
    }
    .titlee{

        font-size: 250%;
    }
    .container{
      /* padding:21rem 3.125rem; */
      /* justify-content: center; */
      height:500x;
      width:800px;
      /* height:3.8125rem; */
    }
    .gameInfo
    {

        /* padding:23rem 3.125rem; */
        /* padding-top:25px; */
        height:100%;
        width: 100%;

    }
    .gameInfo h1{
        font-size: 300%;
    }
    .gameInfo span{
        font-size: 200%;
    }
    .gameInfo button{
        height: 50px;
        width:100px;
    }
    .imgbox{
        padding-top: 80px;;
        height:100%;
        width :100%;
    }
}
```

Index.html

```html
<!DOCTYPE html>
<html lang='en'>
    <head>
        <title>
            Tic Tac Toe Game
        </title>
            <link rel="stylesheet" href="style.css">
        </head>
    <body>

            <ul class="titlee">
                <li>Tic Tac Toe</li>
            </ul>


        <div class="gamecontainer">
            <div class="container">
                <div class="box bt-0 bl-0"><span
class="boxtext"></span></div>
                <div class="box bt-0"><span class="boxtext"></span></div>
                <div class="box bt-0 br-0"><span
class="boxtext"></span></div>
                <div class="box bl-0"><span class="boxtext"></span></div>
                <div class="box "><span class="boxtext"></span></div>
                <div class="box br-0"><span class="boxtext"></span></div>
                <div class="box bl-0 bb-0"><span
class="boxtext"></span></div>
                <div class="box bb-0"><span class="boxtext"></span></div>
                <div class="box bb-0 br-0"><span
class="boxtext"></span></div>
            </div>
            <div class="gameInfo">
                <h1>Welcome to tic tac toe game</h1>
                <div>
                    <span class=info>Turn of X</span>
                    <button id="reset" class="main-btn"
style="background-color:#A82C48; color:rgb(255, 255,
255);">Reset</button><br>
```

```html
                    <button id="ABOUTthegame" class="main-btn"
onclick="loadDoc()" style="background-color:#A82C48; color:rgb(255, 255,
255);">ABOUT THE GAME</button>
                </div>
                <div class=imgbox>
                    <img src="congo.gif">
                </div>
            </div>
        </div>


        <script src="script.js"></script>
    </body>
</html>
```