<html>

<head></head>

<body>

<table>

<tr>

<td><button style="height:50px;width:50px"></button></td>

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<script>

window.addEventListener("load",bindEvents);

var buttons;

var gameOver=false;

function bindEvents(){

buttons=document.querySelectorAll('button')

for(let button of buttons){

button.addEventListener('click',isXOrZero);

}

}

var xOrzero=false;

function isXOrZero(){

if(gameOver==false && this.innerText.trim().length==0){

this.innerText=xOrzero?'X':'O';

isGameOver();

xOrzero= !xOrzero;

}

}

function isRowNotBlank(one,two,three){

return isNotBlank(one)&&isNotBlank(two)&&isNotBlank(three);

}

const isNotBlank=str=>str.innerText.trim().length>0?true:false;

function isSame(one,two,three){

if(isRowNotBlank(one,two,three)){

return one.innerText==two.innerText&&one.innerText==three.innerText;

}

else{

return false;

}

}

function winner()

{

return xOrzero?'X':'O';

}

function isGameOver(){

if(isSame(buttons[0],buttons[1],buttons[2])){

alert("winner is="+winner())

document.querySelector('#result').innerText='gameover'+winner();

gameOver=true;

}

if(isSame(buttons[3],buttons[4],buttons[5])){

alert("winner is="+winner()

document.querySelector('#result').innerText='gameover'+winner();

gameOver=true;

}

if(isSame(buttons[6],buttons[7],buttons[8])){

alert("winner is="+winner()

document.querySelector('#result').innerText='gameover'+winner();

gameOver=true;

}

if(isSame(buttons[0],buttons[4],buttons[8])){

alert("winner is="+winner()

document.querySelector('#result').innerText='gameover'+winner();

gameOver=true;

}

if(isSame(buttons[2],buttons[4],buttons[6])){

alert("winner is="+winner()

document.querySelector('#result').innerText='gameover'+winner();

gameOver=true;

}

if(isSame(buttons[0],buttons[3],buttons[6])){

alert("winner is="+winner()

document.querySelector('#result').innerText='gameover'+winner();

gameOver=true;

}

if(isSame(buttons[1],buttons[4],buttons[7])){

alert("winner is="+winner()

document.querySelector('#result').innerText='gameover'+winner();

gameOver=true;

}

if(isSame(buttons[2],buttons[5],buttons[8])){

alert("winner is="+winner()

document.querySelector('#result').innerText='gameover'+winner();

gameOver=true;

}

}

</script>

</body>

</html>