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//step is used in a logic that helps user to insert alternate
images(cross,nought)
let step,gameComplete;
let X=0,O=0;

//All the cells are are stored in a Nodelist
const boxes=document.querySelectorAll('.box');

//startGame is function that initiates the Game
function startGame(){
  step=1;
  gameComplete=false;// to check if game has ended or not
  document.getElementById('button').innerHTML='<h3>Reset!
</h3>';
  document.getElementById('turn').innerHTML='<h3>It's Player
 turn</h3>';
  //pos helps to trace which box is clicked.If cross is the img
display on box the pos will be alligned with value 1 or else
pos=0
  pos=[0,1,2,3,4,5,6,7,8];
  for(let i=0;i<boxes.length;i++){
    boxes[i].innerHTML='';
    boxes[i].addEventListener('click',handler,{once:true});
  }
}

//handler is a function,that access each box and onclick either
the cross or nought is displayed on the boxes
function handler(event){

  if(step%2!==0){

    document.getElementById(event.target.id).innerHTML='';
    document.getElementById('turn').innerHTML='<h3>It's Player
 turn</h3>';//display
which player turn it is.
    step++;
    pos[event.target.id]='x';
    winner('cross');

  }
  else{

    document.getElementById(event.target.id).innerHTML='';
    document.getElementById('turn').innerHTML='<h3>It's Player

turn</h3>';//display which player turn it is.
    step++;
    pos[event.target.id]='o';
    winner('no');
  }
}

//winner Function determines which player has won the Game or
is it a Draw
function winner(val){

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}

//winner Function determines which player has won the Game or
is it a Draw
function winner(val){

    if((pos[0]===pos[1] && pos[1]===pos[2]) || (pos[0]===pos[4]
    && pos[4]===pos[8]) || (pos[6]===pos[4] && pos[4]===pos[2]) ||
    (pos[6]===pos[7] && pos[7]===pos[8]) || (pos[0]===pos[3] &&
    pos[3]===pos[6]) || (pos[3]===pos[4] && pos[4]===pos[5]) ||
    (pos[1]===pos[4] && pos[4]===pos[7]) || (pos[2]===pos[5] &&
    pos[5]===pos[8])){

        if(val==='cross'){
            //displays message on the button,player1 wins

document.getElementById('turn').innerHTML='<h3>&nbsp;&nbsp;  Wins! Play Again</h3>';
            X++;
            document.getElementById('scoreX').innerHTML=`<h4>${X}
</h4>`;

        }
        else{
            //displays message on the button,player2 wins

document.getElementById('turn').innerHTML='<h3>&nbsp;&nbsp;  Wins! Play Again</h3>';
            O++;
            document.getElementById('scoreO').innerHTML=`<h4>${O}
</h4>`;

        }

        for(i=0;i<boxes.length;i++){
            boxes[i].removeEventListener('click',handler);
        }

        gameComplete=true;

    }
    //displays message on the button,that the match is draw
    else if(step===10){
        document.getElementById('turn').innerHTML="<h3>It's a DRAW!
        Play Again</h3>";
        gameComplete=true;

    }

}

startGame();

//continues the Game
document.getElementById('turn').onclick={()=>{
    if(gameComplete){
        startGame();
    }
}}
document.getElementById('button').onclick={()=>{
    reset();
}}
//reset refreshes the entire game and starts a new game
function reset(){
    X=0;
    O=0;
    document.getElementById('scoreO').innerHTML=`<h4>${O}</h4>`;
    document.getElementById('scoreX').innerHTML=`<h4>${X}</h4>`;
    startGame();
}

```



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const container = document.querySelector(".container"),
    pwShowHide = document.querySelectorAll(".showHidePw"),
    pwFields = document.querySelectorAll(".password"),
    signUp = document.querySelector(".signup-link"),
    login = document.querySelector(".login-link");

// js code to show/hide password and change icon
pwShowHide.forEach(eyeIcon =>{
    eyeIcon.addEventListener("click", ()=>{
        pwFields.forEach(pwField =>{
            if(pwField.type === "password"){
                pwField.type = "text";

                pwShowHide.forEach(icon =>{
                    icon.classList.replace("uil-eye-slash",
"uil-eye");
                })
            }else{
                pwField.type = "password";

                pwShowHide.forEach(icon =>{
                    icon.classList.replace("uil-eye", "uil-
eye-slash");
                })
            }
        })
    })
})

// js code to appear signup and login form
signUp.addEventListener("click", ( )=>{
    container.classList.add("active");
});
login.addEventListener("click", ( )=>{
    container.classList.remove("active");
});
```