

# W03-P1: Implement checkWin(player) using three different cases

=> player o wins

The screenshot displays a web browser window with a Tictactoe game titled "Tictactoe -- VIC". The game board shows a win for player 'o' (green circles). The board state is as follows:

o	x	x
o	o	o
x	o	x

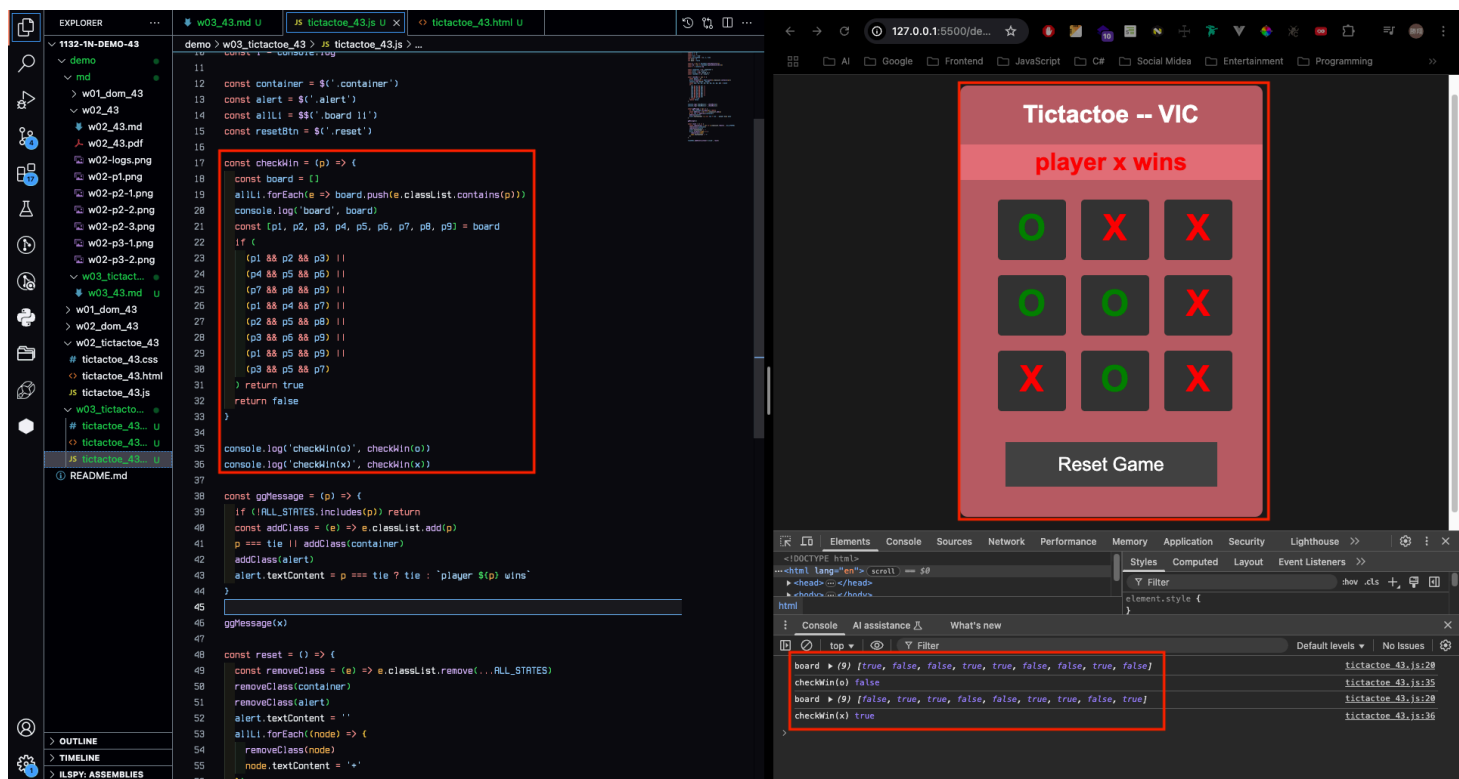
Below the board is a "Reset Game" button. The browser's console shows the following log messages:

```
board * (9) [true, false, false, true, true, false, true, false]
checkWin(o) true
board * (9) [false, true, true, false, false, false, true, false, true]
checkWin(x) false
```

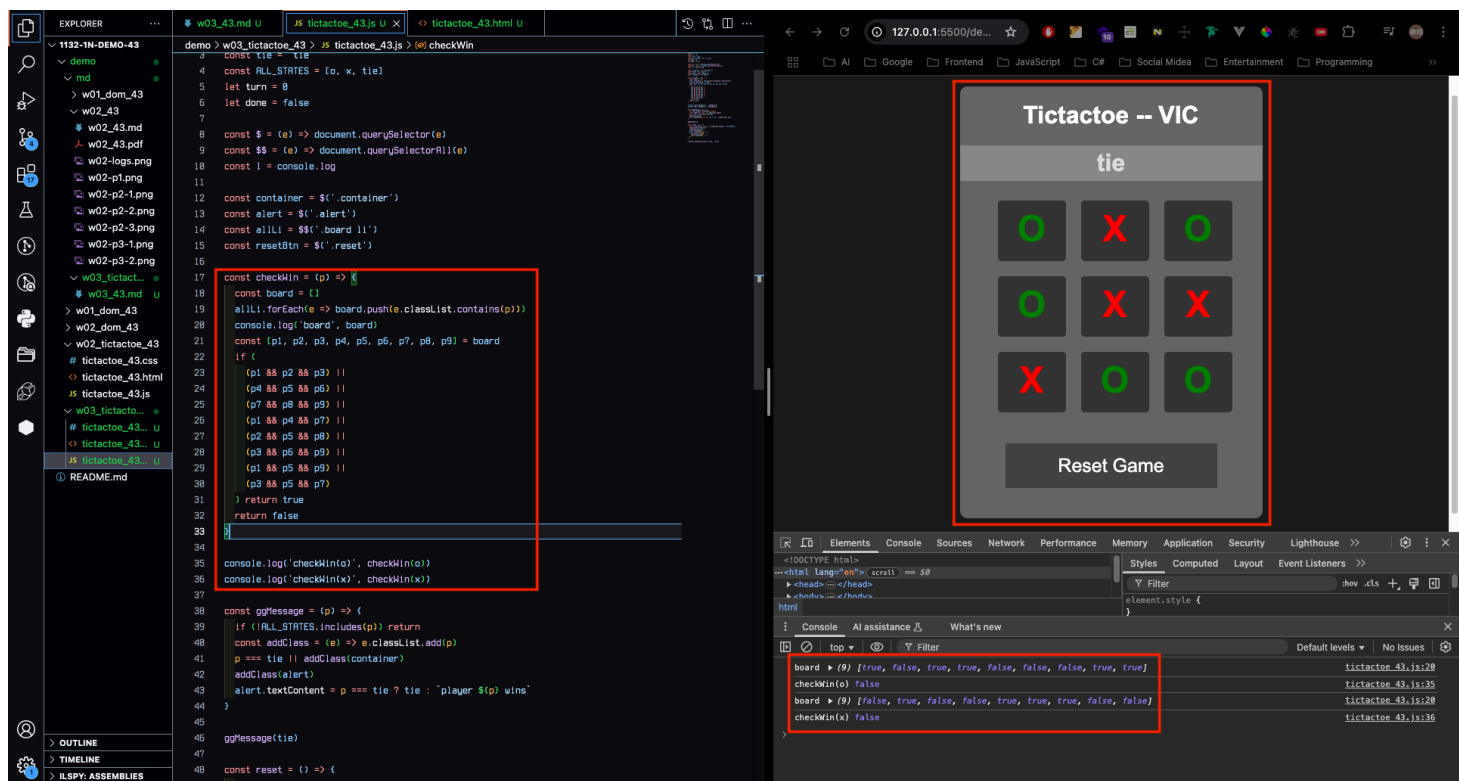
The code editor on the left shows the implementation of the checkWin function in tictactoe\_43.js:

```
const checkWin = (p) => {
  const board = []
  allLi.forEach(e => board.push(e.classList.contains(p)))
  console.log('board', board)
  const [p1, p2, p3, p4, p5, p6, p7, p8, p9] = board
  if (
    (p1 && p2 && p3) ||
    (p4 && p5 && p6) ||
    (p7 && p8 && p9) ||
    (p1 && p4 && p7) ||
    (p2 && p5 && p8) ||
    (p3 && p6 && p9) ||
    (p1 && p5 && p9) ||
    (p3 && p5 && p7)
  ) return true
  return false
}
```

=> player x wins

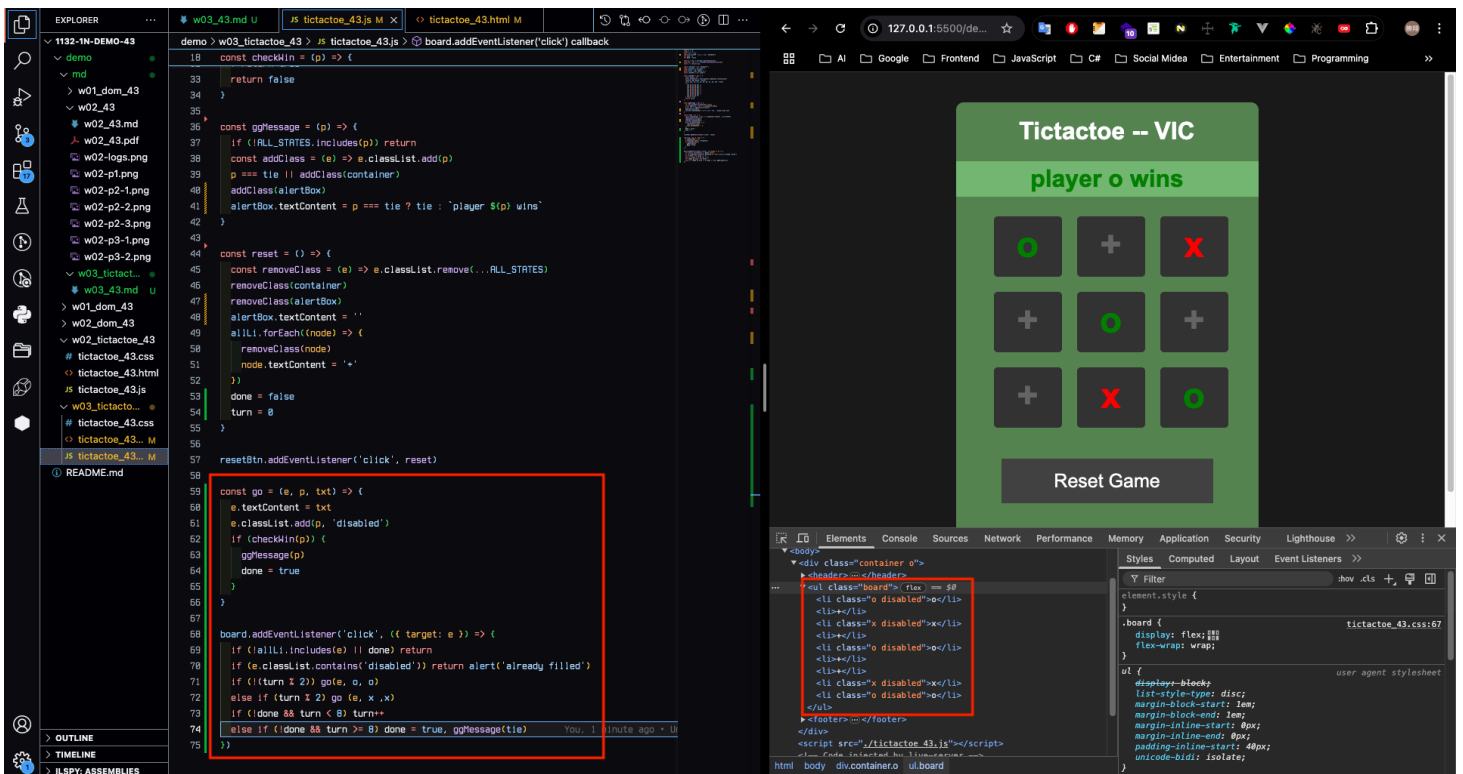


=> no player wins

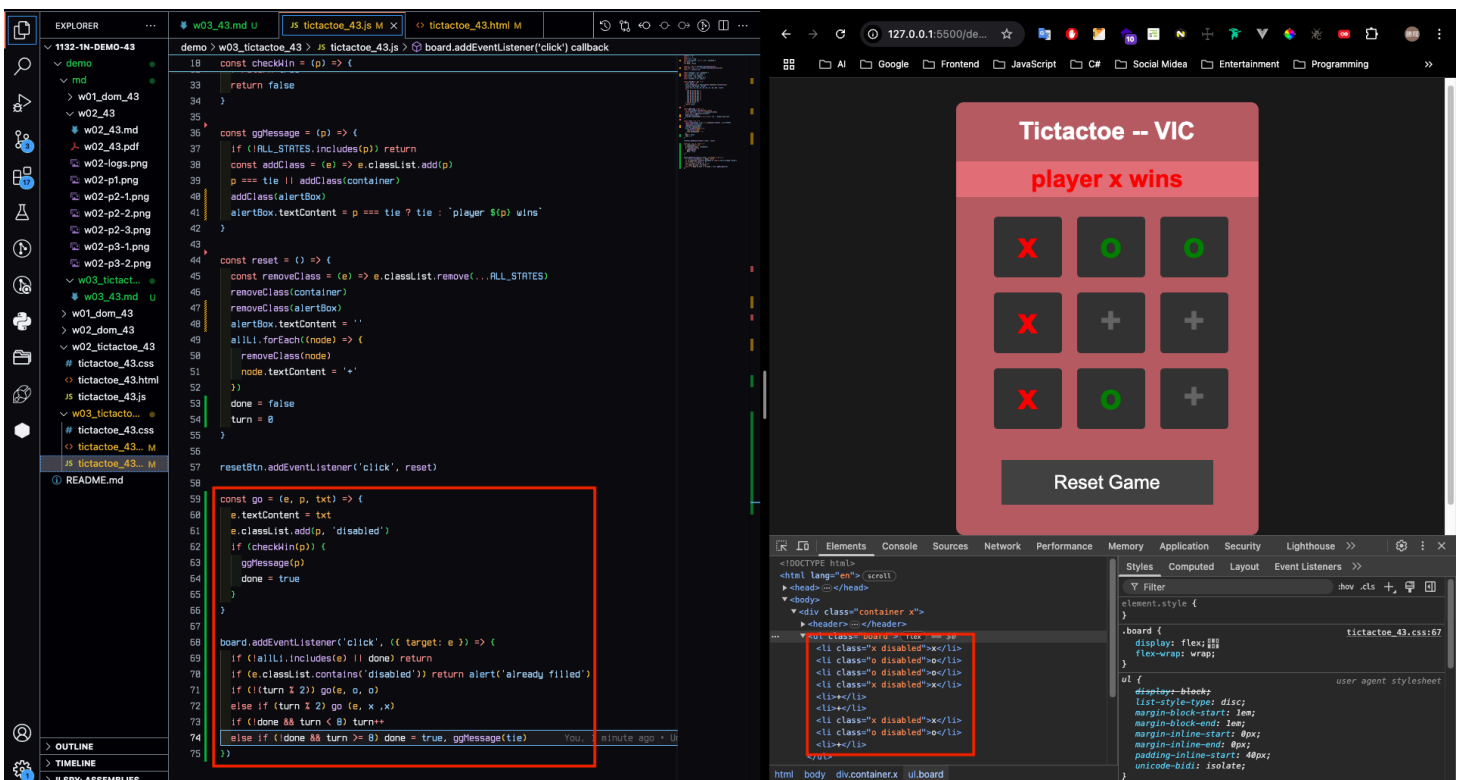


# W03-P2: play TicTacToe successfully

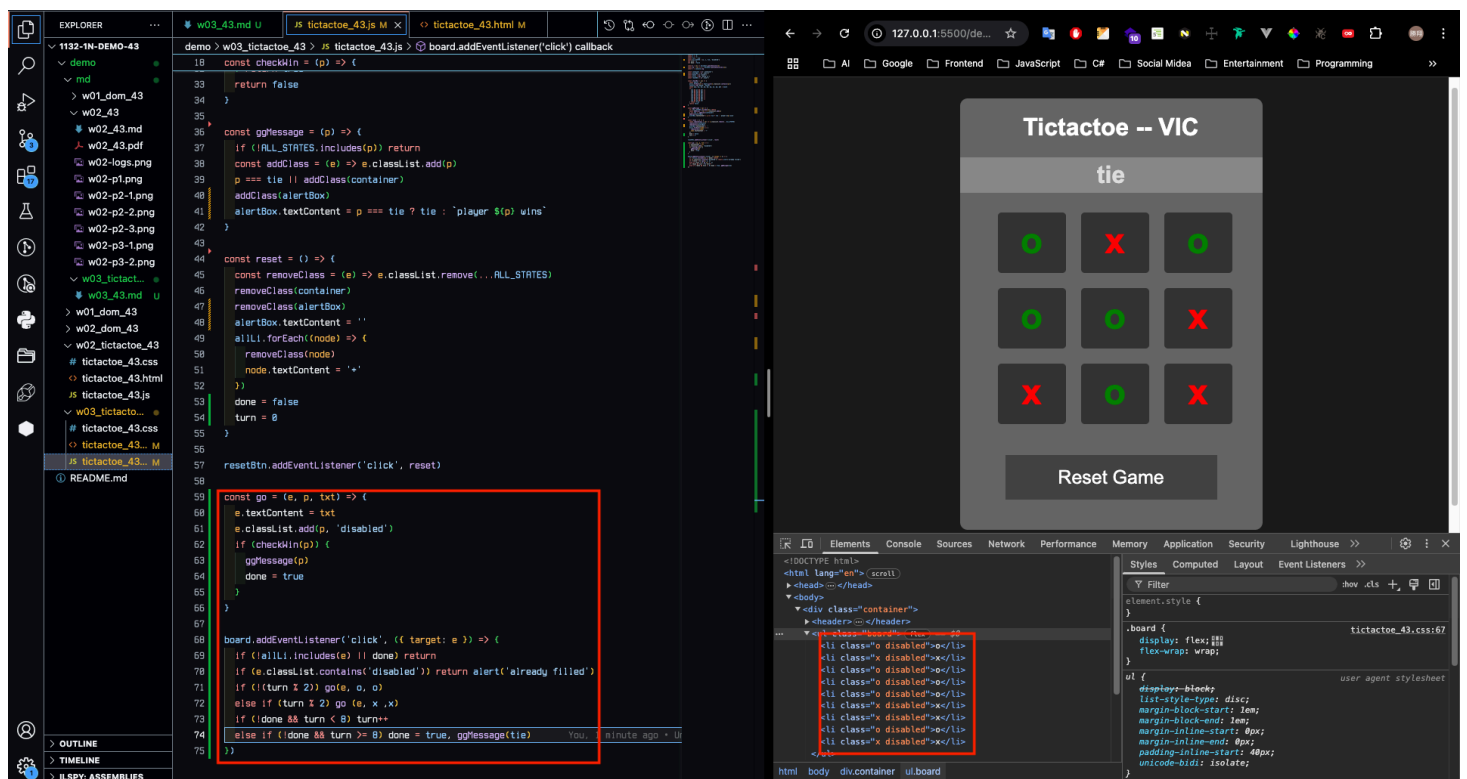
=> player o wins



=> player x wins

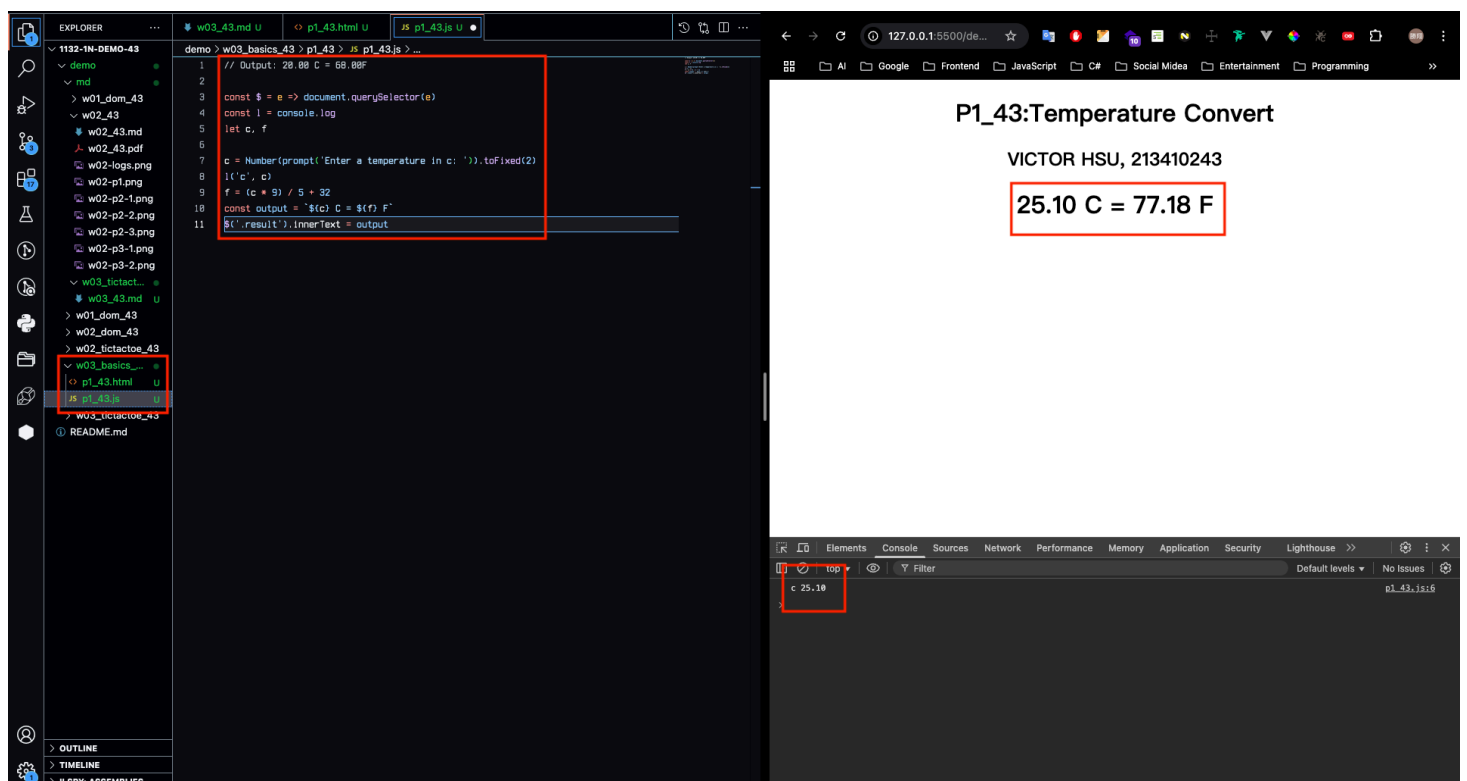


=> tie



760a8e5 victor\_xu Sun Mar 9 10:40:45 2025 +0800 W03-P2: play TicTacToe successf

## W03-P3: Temperature Convert from C to F



## W03-logs: git logs of W03

The screenshot shows the GitHub interface for the repository 'vic0627 / 1132-1N-demo-43'. The 'Commits' tab is selected, showing a list of commits on the 'master' branch. The commits are filtered by 'All users' and 'All time'. The commit history for March 9, 2025, is displayed, showing three commits by user 'vic0627'.

Commit Message	Commit Hash	Author	Time Ago
W03-P3: Temperature Convert from C to F	709a701	vic0627	1 minute ago
W03-P2: play TicTacToe successfully	760a8e5	vic0627	31 minutes ago
W03-P1: Implement checkWin(player) using three different cases	50180cf	vic0627	51 minutes ago