

# HTML, CSS, Javascript Challenge

Challenge: Based on the HTML, CSS, and Javascript skills you have right now, build a tic-tac-toe game where people take turns clicking on the tic-tac-toe board and show Xs and Os in the spaces where they click, alternating turns. There should be a scoreboard area to show X wins, O wins, or a draw. You should also have a feature to click a button to reset the game.

Hints:

- A tic-tac-toe board is kind of a grid – like a `<table>`, right?
- You can find images of Xs and Os using Google Images search
- For the open side borders of the tic-tac-toe boards, Google border styling of table cells
- Remember the onclick event that David showed you yesterday that you can populate with javascript? How could you use that to place the Xs and Os? Instead of setting the `innerHTML` property of an element, what if you changed the `.src` property of an image?

If you are daring enough to accept and complete this challenge, make sure you create a repository for it in your personal github account and announce you have completed the challenge in slack so that one of the Empower staff can come play a game with you.

Super challenge for the extra bold: once you have that working, make a branch of the repository and create a version where the game plays itself using random (hint: see Ali's challenge in Slack for how that might work)