

# Javascript / JQuery Challenge

Challenge: Using your javascript and jquery skills, build a virtual “whac a mole” game (<https://en.wikipedia.org/wiki/Whac-A-Mole>) where characters appear on the screen in random places and you click on them to smack them and make them disappear. Features should include:

- Using Math.random() to make the characters pop up in random places in the screen
- Using jquery, have them show up instantly, but when you click on them, they fade out
- If you don't get them in time, they disappear
- Use setInterval and a counter to control the length of the game
- Keep a running score

Extra credit:

- Use js library to add sound effects – give howler.js a try (<https://howlerjs.com/>)
- Use random different characters that have different points when you click them (#rvatank anyone?)
- use jgrowl to show cheesy action verbs like old batman cartoons - pow!, bam! (<https://github.com/stanlemon/jGrowl> - use the cdnjs installation for ease of use until we discuss how to pull in javascript libraries)
- See if you can get a hammer, or boxing glove, etc to follow your mouse so you have something to smack the characters with instead of just your mouse cursor