

# Assignment #10: Jiggle into JavaScript

## Overview

In this assignment, you will be using JavaScript to change the CSS properties of a box upon button clicks.

## Before You Begin

You may want to spend a little time reading through each of the below references. Just skim enough to get the high-points.

- [onClick Events](#)
- [JavaScript Click Examples](#)
- [JavaScript HTML DOM Events](#)

## Instructions

1. Create two files on your computer using Visual Studio Code. One should be called `index.html` and the other should be called `javascript.js`. These should be in the same directory.
2. Then copy (and save) the code below into your HTML file. This is your starting HTML.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Jiggle Into JavaScript</title>
5   <!-- <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.1.0/jquery.min.js"></script> -->
6 </head>
7 <body>
8
9   <p>Press the buttons to change the box!</p>
10
11   <div id="box" style="height:150px; width:150px; background-color:orange; margin:25px"></div>
12
13   <button id="button1">Grow</button>
14   <button id="button2">Blue</button>
15   <button id="button3">Fade</button>
16   <button id="button4">Reset</button>
17
18   <script type="text/javascript" src="javascript.js"></script>
19
20 </body>
21 </html>
```

3. Now write your JavaScript in the `JavaScript.js` file such that clicking the buttons re-styles the box appropriately (i.e. When a user hits "Grow" the box should increase in size, when a user hits "Fade" the box should change opacity, etc.).
4. After you finish, include both your HTML file and JavaScript file in your Pre-Work Submission folder.
5. Upload your Google Drive folder.

## Bonus

Try adding a few buttons of your own, with different CSS effects. There's a LOT more than box-changing that you can do with JavaScript, but it's a fun start!

## Hints

- Push yourself here. Be resourceful and use Google searches if you get stuck. There's plenty of material to learn from.
- If you don't quite get it to work, submit what you have! No shame in not knowing just yet. You've got six months to figure this stuff out.

## Copyright

Coding Boot Camp © 2018. All Rights Reserved.