

# TECH276 – Coding Assignment #3

## A Better Secret Number: 15 points

In this assignment, you will have a chance to practice with some of the flow control features (if/else, for, do-while) discussed in class. Save the file “04\_betterSecretNumber.html” as “evenBetterSecretNumber.html” and the file “betterSecretNumber.js” as “evenBetterSecretNumber.js”. Update the link in the HTML file to point to the new JavaScript file. Modify the JavaScript file to account for the fact that some people have difficulty following instructions. The specific design of the modified JavaScript is up to you, but there are a few requirements – outlined below.

1. Generate a random number from 1 to 10 and display that number on the page;
2. Ask the user for a guess
  - Check to see the guess is a number
  - Check that the number is greater than zero
  - Check that the number is less than or equal to the highest value (10);
3. Continue with the rest of the program comparing the guess to the secret number.

The JavaScript should have comments with your name and today’s date, and should have minimal JSLint errors (the “document.write” warning is acceptable). The request for numbers and the output on the HTML page should be easy to understand for someone not in this class.

The HTML and JavaScript (and CSS if you choose) should be in two (or three) separate files (likely saved in their own folder on your USB drive). When submitting the homework if you have collected these files into a single folder, you can then just zip and upload the entire folder into Blackboard and rest assured that all the required files have been submitted. The zipped file should be submitted before class begins on the due date. This homework assignment is worth 15 points.