

## Getting Ready to work with D3

## Programming Assignment 1 (1 point)

Due Date: 04/05/2018 (Thursday) in class on or before 7:00pm

If you miss the class on 04/05/2018, you will receive no credit for this assignment. You will still be required to complete this assignment and demo it to the TA or Tutor in person next week.

Follow the steps described in this handout:

Prepare Chrome Browser, Download Brackets, Download D3, and Download Sample D3 code. Run the code from Chapters 4 and 5. Create new html and CSS files as described in the handout. Remember to change the script line 6 as shown on Page 3.

Show the results of running code from Chapter 5 and new file Example1.html to the Tutor or the TA in person. In order to get graded for this assignment, follow the three steps:

1. Submit the files "Example1.html" and "Example1.css" on canvas.
2. Demonstrate Chapter 5 examples and Assignment 1 to TA or tutor.
3. Request TA/tutor to enter "1 Point" as your grade on canvas.

**Recommended Reading Assignment (no submission required)**

1. View 2 videos on Brackets
2. Read Chapter 1 titled "Introduction" of the textbook covering following topics:  
Why Data Visualization? Why Code? Why Interactive? Why Web?  
There is more information about the book in this chapter as well as website link where you can find sample code
3. Read Chapter 2 titled "Introducing D3".
4. Read Chapter 4 titled "Setup" (D3). Read Pages 63-64. Ignore the sections on "Setting up a Web server and Terminal with Python, and MAMP-WAMP-LAMP."  
We will not be using any of this.
5. Section "A note on Compatibility" (Page 62 of Chapter 3) of the textbook.