

Lab DOM2

Due: 11:59 pm, Thursday, November 9, 2017. Submit through Canvas.

Instructions:

- **No late submission** will be accepted.
- Your web page **MUST** run without error.
- Use DOM2 + Your Last Name + First Letter of Your First Name as your file name. Note that no space or special character other than underscore should be used in the name. For instance, for me, the name of my file should be **DOM2DingW.html**. **Violation of naming requirement will result in 3 points cut.**
- In the HTML comment tags, at the very beginning of the HTML, you should put your full name, the course number and name (COP 3834C-01 Web Application Development), the name of lab, e.g. DOM2, and the date. **Without this, 5 point will be cut.**

Subject

Write a complete webpage with HTML and embedded JavaScript code. This page contains one unordered list with 3 items at the top and one 2×2 table without header row below the list. Place a "Change" button at the bottom of the page. When the button is clicked, do the following

- 1) Replace the unordered list with one <p> element. From left to right, the list item should show up in their original order in the list, from top to bottom. Use coma to separate list items.
- 2) Replace the table with an ordered list with two list items. Each list item displays the text of corresponding row of the table, for example, the first list item match the top row of the table. Use colon to separate cells on the same row.

Following figure shows an example. The left is the webpage before clicking; and the right is the page after clicking.

Fruits:

- Apple
- Orange
- Grape

Orlando	MCO
Tampa	TPA

Change

Fruits: Apple, Orange, Grape

1. Orlando: MCO
2. Tampa: TPA

Change

Note:

- Your JavaScript should adapt to normal variation of both the unordered list, such as adding or deleting list items. No adaption capability will result in 20 points deduction.
- The webpages illustrated during the class and below are simply an example.
- DOM manipulating methods, such as those for adding, removing, or replacing must be used for this lab. Otherwise, 50 points deduction will apply.