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| **You should save/rename this document using the naming convention LabX-MUid.docx (example: Lab9-johnsok9.docx).**  **Objective**: The objective of this exercise is to:   1. Continue working with JavaScript 2. Learn and implement the jQuery libraries 3. Access DOM from jQuery 4. Access Form variables from jQuery 5. Write and debug jQuery Methods (function)   **Submit**: screenshots, your html file and a link to your web page  You **may** discuss this with your fellow students or the instructor. |

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| **Name:** | **Andrew Boothe** |

# Part #1: jQuery Tutorial

*Estimated time: 20 minutes*

**Exercise:** Slides

* Use new bootstrap template with jQuery/ajax
* 7-8 General usage
* 10-18 Get/Set/Class modifications

# Part #2: jQuery Page

*Estimated time: 30-60 minutes*

**Exercise:**

* All work will be done in ~/public\_html/cse383/lab9
* Create a file call called index.html using the supplied file
* Do the following using JavaScript with jQuery commands
* Note: you may have to update the given CSS (do it all in the internal CSS styles)

1. **Update all divs with the box class** to include an outline (one command for all divs – not one command per div)
   1. **Do this in the JavaScript code where indicated**
2. **Toggle Colors**:
   1. Toggles the color on and off for each square using CSS classes.
3. **Toggle Rounded Borders**:
   1. **Toggles** the rounded-borders on and off for each square using jQuery and CSS attributes.
4. **Add a New Box**:
   1. Adds one new square to the container – next to the others.
   2. **Update the JavaScript so that the button does the required work**
   3. **Make certain that every new box works with the other buttons**
      1. **The new box must work with the rounded corners and the color change**

# SUBMIT:

* Screenshot
  + Attach a screenshot of your completed web page after you have changed it using jQuery
    - Showing different colors, borders, and more boxes
* File
  + Attach the html file
* Link
  + Add the link to the web page in the text area

Graphical user interface, text, email

Description automatically generated

Graphical user interface, text

Description automatically generated