

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.

**Name:**

## 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 class square** to include the outline class (one command for all divs – not one command per div)
    - a. **Do this in the javascript code where indicated**
  2. **Toggle Colors:**
    - a. Toggles the color on and off for each square using CSS classes.

- b. **Update the button to call your function to do this**
- 3. **Toggle Rounded Borders:**
  - a. Toggles the rounded-borders on and off for each square using CSS classes.
  - b. **Update the Button to call your function to do this**
- 4. **Add a New Box:**
  - a. Adds one new square to the container – next to the others.
  - b. **Update the Button to call your function to do this**
  - c. **Make certain that every new box works with the other buttons**

### **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