**MIS3690, Web Technologies, Spring 2021**

**Assignment #3**

This is an individual assignment. You may not ask for help or provide help to others. You may not ask anyone to read or evaluate your answers. You may use the web, but may not post or share the assignment’s questions in any way or form.

This assignment is due at 11:59 pm on April 15. Five points will be deducted for each day or partial day late. Submissions more than four days late will not be accepted.

Save the attachment on your laptop, Extract All Files, and delete the zip file. Do your work in the assignment3 folder. Do not rename this folder. All questions must be completed with jQuery or a combination of jQuery and JavaScript. This assignment has 99 points. 1 point is free. Submission instructions are at Step 11 below.

1. Modify the index.htm page using @media so that it displays with the following styles on a mobile device (11 points):  
    img {width:40%}  
    ul {text-align:left}  
    li {display:block; margin-left:20px;}  
    p {font-size: medium}

h1{text-align:center; color:indigo}

1. When page2.htm loads, the left margin of the elephant image should increase, over a period of 3 seconds, until it is 420 pixels. After a two second delay, the margin should begin to decrease to zero, again taking 3 seconds. (11 points)
2. On page2.htm, when Button 1 is clicked, Button 1 should fade out over a period of three seconds. Simultaneously, also over a period of 3 seconds, the width of the paragraph whose id is p1 should change to 300px. (11 points)
3. On page2.htm, when Button 2 is clicked, Button 2 should fade out over a period of three seconds. Immediately after the fadeout is complete, the height of the paragraph whose id is p1 should begin to increase. It will continue to increase for 3 seconds, eventually becoming 300px. (11 points)
4. Create a page called page2mobile.htm having just two paragraphs. The first says, “This is a mobile page.” The second contains a link that says “Return home.” When clicked, it will take you to index.htm. When page2.htm is loaded on a mobile device, it should redirect the browser to page2mobile.htm. (11 points)
5. On page 3, when the user mouses over (the jQuery term is mouseenter) the Source paragraph at the bottom of the page, class c should be added to the second column. (11 points)
6. On page 3, when the user clicks in the third column, all classes should be removed from all columns (11 points)
7. On page 3, when the user clicks on the h1, the link to Massachusetts in the first column should change to <http://www.mass.gov>. (11 points)
8. On page 3, when the user clicks in the text box, a date picker from the jQueryUI should open up allowing the user to select a date for entry into the text box. (11 points)
9. Certify that you have observed the honors code by replacing the xxx at the bottom of index.htm with your name. (0 points, but your assignment will not be graded if this is undone).
10. Right-click on the assignment3 folder. Select Send to/Compressed (zipped) folder. Find the zip file on your laptop and upload it at the link to this assignment.