# Web Development Exercise: DHTML Prepared by Jack G. Zheng for IT 5302

This exercise will let your practice dynamic HTML using JavaScript.

## Instructions

Please start the exercise by downloading the “lecture and lab exercise” ZIP file. Use JavaScript to complete all tasks. Find answers in the DHTML examples provided by the instructor.

1. Read and change HTML node values.
   1. Use the lab1.html file.
   2. Display the following on the webpage
      1. The text of the H1 title
      2. The URL of the link
      3. The text of the link
      4. The image source of the image
      5. The alt text of the image
      6. The text on the button
   3. Now use JavaScript to change the value of the 6 items above.
   4. Add a “click” event to the button and change the values above only after the button is clicked.
2. Counter
   1. Use the lab2.html file. Examine the HTML code first.
   2. Add script to activate the counter. When the button is clicked, the number (between the span tags) will increase by 1. Be sure to convert the data type to numbers when you read the counter number.
3. Form processing
   1. Use the lab3.html file
   2. Enter some values and make some selections then press the button. Display all user input and selections (using JavaScript).
4. Form processing
   1. Use the lab4.html file
   2. Check the following three mistakes and display the error if any is detected:
      1. Password and confirm values are required
      2. Password and confirm values should the same
      3. The checkbox must be checked.