

CST8209 – Lab 6 – Working with the DOM

Objective

In this lab you will learn how to work with the Document Object Model using JavaScript.

Requirements

1. Download the zipped file folder Lab6.zip
2. Extract the files and save to your computer – preferably to your course workspace folder
3. Open the Lab6 folder in your text editor (Atom)
4. You should find 1 .html files in the Lab6 project folder
5. You should find one .js file in the scripts sub folder
6. You should find one .png file in the img sub folder

Working with the Document Object Model

You will add your JavaScript code to the Lab6.js file found in the scripts folder.

You will be writing JavaScript statements to make the following changes to the index.html file.

1. Add the following text to the element with id="mainTitle"

Learning about the Document Object Model

2. Add the attribute to centre align the element with id="mainTitle"
3. Change the title attribute on the img tag with the following text

JavaScript 1

4. Add the attribute to right align the element with id="image1"
5. Append the following text as a list item so it appears as the second item in the JavaScript Version History list

August 1996

6. Append the following text as a list item so it appears as the last item in the JavaScript Version History list

1.8.2 June 22, 2009

7. Change the list item that contains the text 1.6 November 9999 to now contain the text

1.6 November 2005

8. Using the document.write method, display the number of li tags in the web page

Deliverables

1. Save all your work.
2. Compress the Lab3 folder, renaming it to Lab6_First_Last_Student#.zip
Example Lab6_Sanaa_Issa_040999888.zip
3. Upload the zipped file

Marking Scheme Rubric

This lab has a maximum mark of 3, awarded according to the following rubric.

Criteria	Mark
Superior capability. Lab submitted meets or exceeds expected standards	3
Satisfactory capability, acceptable product/result	2
Marginal capability, substandard product/result	1
No capability, unacceptable product/result. Work not submitted	0

Note that 40% of your final grade comes from the grades you obtained from your labs and assignments.