Lab 3 – Tables and Attributes

# Purpose

* Create Tables and use Attributes
* Upload your website to a web server

# Due Date

* This lab must be handed in:

**Friday Jan 25, 2019 – before midnight**

# Assessment

* This Lab is worth 2% of your total course mark.

# Assigned Readings

1. The following chapter of your textbook: **Fundamentals of Web Development (**By Randy Connolly & Richard Hoar) will be useful in completing this exercise:

* Chapter 3 and 4

# Lab Supplies

To complete this lab you will require the following lab supplies:

* Textbook: Fundamentals of Web Development
* Eclipse, Notepad (or other text editor, or IDE)
* FileZilla (or other FTP client)

# Summary of Tasks

1. Create 4 web pages
2. Upload your website to the webserver
3. View your webpage using a web browser
4. Submit Assignment Link on Brightspace

# Task 1

Use the knowledge gained from ‘HTML and CSS – Part 3 Page Layout’ to create the following web pages.

1. Web Page 1 must contain a 7x7 table along with following properties:
   * the 50% width of the web browser
   * contain a header
   * each column in your table must be a different color and width
   * each row in the table must be a different height
   * each cell of the table should have border
   * At the top of the page provide a link to ‘ColRowSpan.html’
   * At the top of the page provide a link to ‘Calendar.html’
   * At the top of the page provide a link to ‘Timetable.html’

Name this page ‘index.html’

1. Web Page 2 must contain a 10x10 table along with following properties:
   * the entire width of the web browser
   * this table must show 2 examples of colspan
   * this table must show 2 examples of rowspan
   * each cell of the table should have border
   * At the top of the page provide a link to ’index.html’
   * At the top of the page provide a link to ‘Calendar.html’
   * At the top of the page provide a link to ‘Timetable.html’

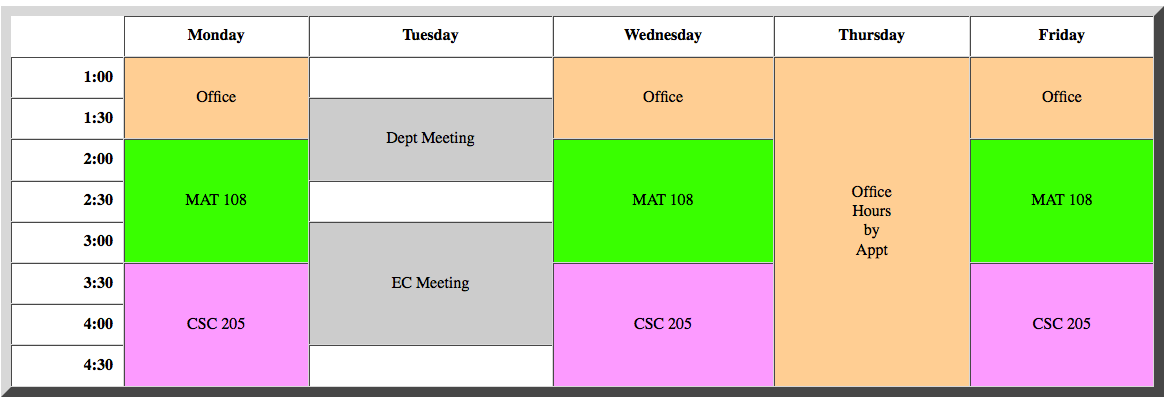
Name this page ‘ColRowSpan.html’

1. Web page 3 must contain a calendar for the month of January, 2019 that needs to be implemented as a 7x7 table in which:

* 1st row of the table will span all columns and contain the text ‘January 2019’
* 2nd row of the table will contain the days of a week (i.e., S,M,T,W,T,F,S)
* The subsequent rows will contain the dates of January 2019 (i.e., 1, 2, 3, …, 31) and each cell of the table should have border
* The corresponding dates for Saturday and Sunday must be marked as holiday by using different color
* At the top of the page provide a link to ’index.html’
* At the top of the page provide a link to ‘ColRowSpan.html’
* At the top of the page provide a link to ‘Timetable.html’

Name this page ‘Calendar.html’

1. In Web page 4, create your own personal timetable as a HTML table. The timetable might look like the one below:



Name this page ‘Timetable.html’

* At the top of the page provide a link to ’index.html’
* At the top of the page provide a link to ‘ColRowSpan.html’
* At the top of the page provide a link to ‘Calendar.html’

# Task 2

Upload your website to the webserver. Use an FTP client to connect to the webserver.

Once you connect to the webserver using an FTP client, create a directory called ‘**/Lab3’** under **‘/public\_html/CST8238’** directory. Once your personal directory has been created navigate to that new directory. Add your index.html file to this location. (Using FileZilla simply drag the index.html file into your folder)

For more information on using FileZilla, please navigate to the following material on Brightspace: Course Content 🡪 Extra Material 🡪 FileZilla Instruction.docx

# Task 3

View your website using a web browser. Open a web browser and navigate to the following web address:

**http://web-server\_domain\_name/CST8238/Lab3/<filename>**

For example, the web address to my page is:   
  
<http://rejaul.com/CST8238/Lab3/index.html>

Where ‘rejaul.com’ is the domain name of the Web server, ‘ CST8238/Lab3’ is the name of the directory I created in the Web server under ‘/public\_html’ directory using FTP client and ‘index.html’ is the web page I created for this lab.

# Task 4

Once you have confirmed that your webpage is available online, you are ready to hand in your lab.

Create a word document (Lab3.doc) in which write the following Information:

* Student Number
* First Name
* Last Name
* The URL, or hyperlink, prepared in Task 3

To hand in your lab go to Brightspace and navigate to Course Content 🡪 Labs and click on ‘Lab 3 – Tables and Attributes’ link.

Upload the word document (Lab3.doc) on Brightspace.

**IMPORTANT NOTE**:

If the URL, or hyperlink, does not direct the professor to the lab you will receive a ZERO for the lab assignment.

**IMPORTANT NOTE:**

You may only submit a Lab ONE TIME. Be sure the lab is complete before clicking on the ‘Submit’ button.