Lab 2 – Create a Novice Website

# Purpose

* Create a novice website
* Upload your website to a web server

# Due Date

* This lab must be handed in before the due date, at the end of Week 2.

**Sunday Sept 16, 2018 – before midnight**

# Assessment

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

# Assigned Readings

The following chapters of ‘Fundamentals of Web Development’ will be useful in completing this exercise:

* Chapter 1
* Chapter 2

# 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. Use the knowledge gained in ‘Part 2 – Basic HTML Tags’ under ‘Course Content-> Module 2- HTML and CSS’ to create a novice web page.
2. Create links between your two labs
3. Upload your website to the webserver
4. View your webpage using a web browser
5. Submit Assignment Link on Blackboard

# Task 1

Use the knowledge gained from this week’s lecture to create a novice website. You need to create a HTML table containing **ALL** of the tags covered in ‘Part 2 – Basic HTML Tags’. The table should have three columns: first column should contain the code (i.e., syntax) to display the tag, second column should describe the purpose of the tag, and the third column should display the example (i.e., expected output) of the used tag. The sample output of Lab 2 is as below:

|  |
| --- |
|  |

Name this webpage: **index.html**

# Task 2

Create a link between your first and second labs

* On the web page ‘**Index.html**’ add an Anchor tag that links to the URL submitted in ‘Lab 1 – Preparation and Hello World’

# Task 3

Upload the website to your webserver domain.

Once you connect to the webserver using an FTP client, create a directory called ‘**/Lab2’** 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 4

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

**http://web-server\_domain\_name/CST8238/Lab2/<filename>**

For example, the web address to my page is:   
  
<http://rejaul.com/CST8238/Lab2/index.html>

Where ‘rejaul.com’ is the domain name of the Web server, ‘ CST8238/Lab2’ 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 5

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

Create a word document (Lab2.doc) in which write the following Information:

* Student Number
* First Name
* Last Name
* The URL, or hyperlink, prepared in Task 4

To hand in your lab go to Brightspace and navigate to Course Content 🡪 Labs.

Then click on ‘Lab 2 – Create a Novice Website’ link.

Upload the word document (Lab2.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.