
Assignment #1

SYST10199 – Web Programming

Instructor: Sukhbir Tatla

Instructions:

1. Assignment must be completed as an individual effort.
 2. Submit the assignment on SLATE before the due date which is specified on SLATE.
 3. All online submissions will be done via SLATE (Email submissions will NOT be accepted).
 4. This assignment is of 10%.
 5. To get proper marks, write your full name along with student ID and your whole answer should be correct; otherwise marks will deduct (even for a single mistake).
 6. Create a HTML with CSS and JavaScript file in neat, clean format and properly explained.
 7. Late assignments will be penalized 10% each day for up to 3 days. After that, it is worth zero.
 8. Please refer to the [Academic Dishonesty Policy](#).
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Assignment Instructions:

1. Make a folder named *a1-firstname-lastname*.
2. Make a HTML file and save it with the name **index.html** within the *a1-firstname-lastname* folder.
3. The <title> tag should read: Assignment 1 for <Your Name>.
4. Display the following information in <H1> tag as heading in the index.html page:

Assignment 1

Your Firstname Lastname

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5. Add a <hr> tag after the above heading.
6. Create a simple **unit conversion** application using JavaScript.
7. Implement the following unit conversions:
 - a. From *Celsius* to *Fahrenheit* and vice versa.
 - b. From *Feet* to *Meters* and vice versa.
 - c. From *Inches* to *Centimeters* and vice versa.
 - d. From *Pounds* to *Kilograms* and vice versa.
8. Display a single textbox on the page, and eight buttons for each conversion.
9. Clicking on a button calls the respective JavaScript function to perform the conversion.
 - a. **Make use of unobtrusive JavaScript.**
10. Display the result in a <p> tag below the buttons.
 - a. The result must be rounded off to two decimal places, along with the units.
 - b. **Don't use any message boxes such as alert() or prompt().**

11. Add a button that clears the content of the textbox and the <p> tag and sets the cursor in the textbox. (Textbox gets the focus).
12. All the JavaScript code should be in a separate file, saved within the *scripts* folder (**unobtrusive JavaScript**).
13. Design the layout and appearance of the HTML page by using CSS.

Finishing Up:

1. Be sure to save all changes.
2. View your web site in multiple browsers and then make changes and review as needed.
3. When satisfied with your assignment, zip and upload the contents of your entire folder to the **Assignments** in SLATE, as well as publish it to:
<http://yourusername.dev.fast.sheridanc.on.ca/assignments/>.
4. Add password security.
5. While submitting the assignment to SLATE, remember to write the URL of your published assignment, the username and password in the comment box.
- 6. Add name and date to HTML, JavaScript, and CSS files, as comments.**

Submission:

Once you are finished, you are to submit as a ZIPPED (**.zip**) file. Follow the steps to create a .zip file:

- a. **Right mice click** on your assignment folder (directory).
- b. Scroll down on the pop-up menu to – “**Send To**”, a new menu will expand.
- c. Click on “**Compressed (zipped) folder**” menu item.
- d. New .zip file will be created. **Rename** the file according to requirements.
- e. **Upload the .zip file** to SLATE → Assessments → Assignments.