**COSC 365 Assignment #5 – JavaScript and Interactive Web Pages**

**Dr. T. Fries Due: Thursday, March 25, 2021 at 11:59 pm**

You have been asked to provide a display of the current day, date, and time in either US format (left) or European format (right) with formatting controls as below:

Diagram

Description automatically generated Diagram

Description automatically generated

The Select button will use JavaScript to dynamically change to the web page based upon the following features:

* display the current date and time in the format selected from a group of radio buttons
* display the appropriate flag based upon the date and time format
* the user can select one of three font sizes from a group of radio buttons
* the user can select the text color for the page from a list of at least 4 colors
* the user can select the background color for the page from a list of at least 4 colors

Also, provide a checkbox that displays or hides the flag (this should react to clicks on the checkbox to alternate display/hide).

* Images will be stored in the **images** folder.
* Formatting should be done using a CSS file as much as possible.
* You must use unobtrusive JavaScript.

**JavaScript Date**

JavaScript provides a Date() function: var d = Date(); As part of the assignment, you will use the following website to see how to get and display the date in different formats needed for the assignment: <https://www.w3schools.com/js/js_date_methods.asp>

**Preparation for submission:**

After you have completed the program, put files (date.html, date.js, and date.css) into a zip file named *YourLastName*5.zip. The zip file should contain no folders.

Do not submit the images. They will be contained in the images folder on my computer when testing.

### Deliverables:

1. Submit your zip file named YourLastName5.zip via Moodle.