|  |
| --- |
| **Create a new (do not use this or copy it) document using the naming convention HWX-MUid.docx (example: HW8-johnsok9.docx).**  **Objective**: The objective of this exercise is to:   1. Continue working with JavaScript 2. Learn and implement JavaScript methods 3. Learn and implement JavaScript canvas 4. Translate other language constructs into JavaScript   **Submit**: screenshots, your word document, html files and links to your web page(s)  You **may** discuss the concepts with your fellow students  You **may** **not** show or share code with your fellow students  You **may** **not** show or share code with internet sources  You **may** discuss this with your instructor or TA. |

# Part #1: Create gitlab project

*Estimated time: 10 minutes*

**Exercise:**

* Gitlab
  + Create project cse383\_hw8 in your account.

# Part #2: Disappearing Error Message

*Estimated time: 30 minutes*

**Exercise:**

* Create a html/JavaScript file (external css) called part1.html
  + Include a div (id=message) which initially is set to
    - visibility:hidden
    - red text
    - bold
    - centered
    - red border
* Create a good looking bootstrap formatted form with
  + A text field – which allows the user to enter a message text
  + A button which calls the function (showMessage) and passes the entered message text as an argument
* Create a function (closeMessage)
  + Make the message div invisible
* Create a function (showMessage)
  + Put the message text into the message div
  + Make the message div visible
  + Set a timer for the closeMessage function to run in 15 seconds

# Part #3: Draw in Canvas

*Estimated time: 30-60 minutes*

**Exercise:**

* Create a html/JavaScript file called part2.html that will use the HTML canvas function and will draw 10 random sized triangles of a random size and random color. The triangles are to be randomly placed on the canvas similar to my example.
* They are not to overlap!
* Note: yours will be different than mine due to randomness
* Get a screen grab showing the page with the triangles

# Part #4: Write Word Document

*Estimated time: 15 minutes*

**Exercise:**

* Always make sure it includes your name, class, assignment etc…
* Explain (relating to this assignment):
  + what worked
  + what didn’t
  + how long it took
  + What you liked
  + What you didn’t

# SUBMIT:

* Word Document
* Screenshots (may be inside word or separate)
  + Attach a screenshot showing gitlab with changes submitted
  + Attach a screenshot of your fully functional web pages (including output)
* File
  + Attach the 2 html files
* Paste the URL of your pages into the submission as a comment

Graphical user interface

Description automatically generated

Text

Description automatically generated with medium confidence

Graphical user interface

Description automatically generated

Andrew Boothe

CSE 383 Homework-8

10/20/2022

* + what worked:
    - I was able to successfully integrate bootstrap into part 1, as well as conditionally getting the message to print out, changing visibility, and hosting a bootstrap form
    - I was also able to get a set of triangles to print out in part 2
  + what didn’t
    - I was not able to successfully get the rgb values of the triangles to change in part 2, as well as getting them to be spaced out from each other
  + how long it took
    - It took around 3 hours for me to get to the current point I am at, and probably would’ve taken another 2 hours to successfully debug my code and figure out the problem.
  + What you liked
    - I liked the abundance of JavaScript documentation, as well as the plethora of notes we were given in class
  + What you didn’t
    - I did not like my lack of proper time management for this assignment; I feel that if I was able to start it earlier I would have been able to solve my problems and get a better code much easier.