WEB303 Assignment 6

Chapter 10: Error Handling & Debugging

Create a simple web page to perform a simple calculation, some examples are listed below. Use the error Handling methods covered in this chapter to help write your code.

Write your code from scratch. You can use normalize, skeleton (http://getskeleton.com/), or bootstrap (http://getbootstrap.com/) as a starting point if you like. Using jQuery is optional.

The code must incude the following:

- Include a form with several input values.
- Logging: console.log(), console.info(), console.warn(), console.error(), console.group(). Optionally you can use console.table() if it makes sense for your program.
- Include a console.assert() to test for a condition.
- Use the debug command to stop your code in the debugger.
- Use a try/catch to check fo an error condition and do something if an error occurs. (Example: divide by zero, or the user enters something other than a number.)

Examples:

- calculate a geometric property such as:
    - parimeter of a triangle, circle, etc.
    - calculate the area of a circle, hexagon, etc.
- financial calculation:
    - total and sales tax of a series of numbers
    - shipping based on weight
- calculate points/lives for a video game character (not just a sum)
- any other example you can think of

Do not choose the same calculation as your classmate.

Due:

Sec 1: Tuesday, Oct 20
Sec 2: Wednesday, Oct 21

Files are due before the start of class. Assignments will be marked in person during class.

Marking: Submit a zip file containing a folder of your files. Name the folder with your name.

This assignment is out of 10:

- Valid HTML including form: 2
- CSS to display form nicely: 2
- Javascript get/set values and to perform calculation: 2

- Inclusion of required points: 4