**CWB205 JavaScript Basics Project 5**

(10 pts)

Extract the files for Project 5.There are two files **score\_test\_student.html**: the web page you will use, and **score\_test\_student.css**: the style sheet file for page formatting.

Create **score\_test.js**, the script file for the project –use this file as the external script source referenced in the head area of **score\_test\_student.html**.

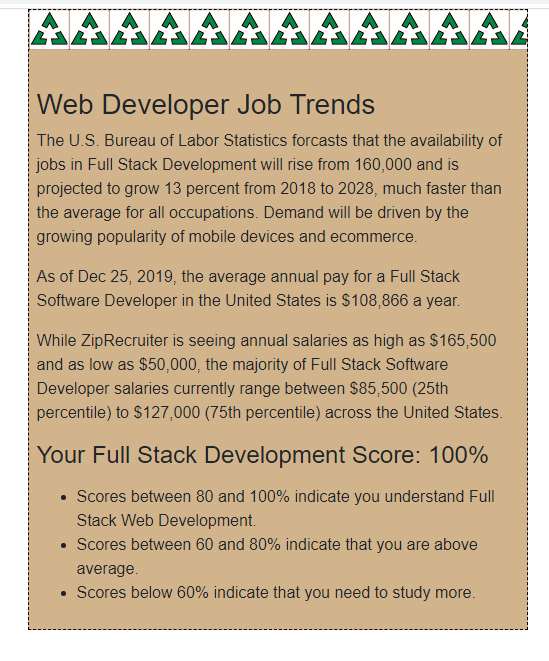
Create a test scoring script that will receive answers to 5 questions (stored in a ***questions array***) using a prompt dialog box. Store each answer in a variable, then compare the answer to an ***answer key array*** and keep track of the number of correct answers. This is best accomplished by increasing the value of a variable, lets call 'score' by 1 each time the person gets a correct answer and then multiply the final score divided by the answer\_key array length by 100. The function should return a number that represents the percentage of correct answers.

Use the following questions and answers along with the answers:

1. Aims Community College offers a Full Stack Web Developer Certificate. T
2. Full Stack means you know front end languages such as HTML, CSS, and Javascript as well as a back end stack such as PHP/MySQL and how to make it all to work together. T
3. The C++ language can be run in a browser. F
4. JavaScript is a strongly and statically typed language. F
5. Boolean, String, and Integer are variable types that are supported in JavaScript. T

* Write your script so that either upper or lower case inputs (T or t, F or f) will work (investigate the toUpperCase() string method).
* Handle situations where the user enters nothing or presses “Cancel”. (Investigate the “continue” command demo in the course materials).
* **Use a function** to collect the answers, compare the answer key array to the answers and keep track of the number of correct answers. The score needs to be calculated and returned as a percentage. This value then should be formatted and displayed on the web page. See Figure 1.
* Format your page exactly as shown in Figure 1, using the **score\_test\_student.css** file that has been provided for you.
* Publish Project 5 to your web server account…be sure to test the project and include a link to it from your navigation page. Submit **itsup.txt** to the appropriate Assignment on the Aims Online location for CWB205 to insure you receive full credit for this project.

Figure 1.



Script output should display here.