

ASSIGNMENT 2

Series A

TASK 1:

1. Create a new project folder named **assignment02** (all in lowercase).
2. Open the new project folder in Visual Studio Code.
3. Following the guidance on the INFO Web Resources Style Guide page (https://www.mccinfo.net/webresources/xhtml_specs.htm) create a new HTML5-compliant HTML document named **index.html** (all lowercase).
 - a. Your document must include opening comments as specified in the Style Guide. Failing to include the opening comments, or failing to correctly input the opening comments will result in a 10% penalty.

TASK 2:

1. Open **index.html**:
 - a. Set the value of the `<title>` tag to **Assignment 2** (5 points)
 - b. In the `<body>` of **index.html**, create an `<h1>` tag pair, which contains the value **The Wizard of Oz!** (2 points)
 - c. After the closing `<h1>` tag, create appropriate markup to display the content shown in Figure 1 on the next page (20 points):
 - i. For each blank shown in Figure 1 (e.g., “Male #1”), create a `` tag **with a unique id attribute value**. Surround each `` tag pair with `` tags. You should have **20** `` tags with **20 unique** id attribute values.
 - ii. You must use a unique **id** attribute value for each `` tag pair. According to W3C documentation, “The **id** attribute specified [an] element’s unique identifier (ID). The [**id** attribute] value must be unique amongst all the IDs in the element’s home subtree....”¹ You cannot and should not use the same **id** attribute value for multiple elements in an HTML document.

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¹ <https://www.w3.org/TR/html5/dom.html#the-id-attribute>



Female #1 lived in the midst of the great State #1
 Geographic Feature #1, with Uncle Male #1, who was a
 Occupation #1, and Aunt Female #2, who was the farmer's wife.
 Their house was small, for the lumber to build it had to be carried by wagon many
 miles. There were four walls, a floor and a roof, which made one room; and this
 room contained a rusty looking Noun #1, a Noun #2 for the
 dishes, a table, three or four chairs, and the beds. Uncle Male #1 and
 Aunt Female #2 had a big bed in one corner, and Female #1 a
 little bed in another corner. There was no garret at all, and no cellar—except a small
 hole dug in the ground, called a cyclone cellar, where the family could go in case one
 of those great whirlwinds arose, mighty enough to crush any building in its path. It
 was reached by a trap door in the middle of the Noun #3, from which a
 ladder led down into the small, dark hole.
 When Female #1 stood in the doorway and looked around, she could see
 nothing but the great Color #1 Geographic Feature #1 on every
 side. Not a Noun #4 nor a Noun #5 broke the broad sweep of
 flat country that reached to the edge of the sky in all directions. The sun had baked
 the plowed land into a Color #1 mass, with little cracks running through it.
 Even the grass was not green, for the sun had burned the tops of the long blades
 until they were the same Color #1 color to be seen everywhere. Once the
 house had been painted, but the sun blistered the paint and the rains washed it
 away, and now the house was as dull and Color #1 as everything else.

Figure 1

Continued on the next page.

TASK 3:

Use the latest version of jQuery to accomplish the following:

- Prompts the user for each unique value shown in Figure 1 on the previous page. Although **Male #1** is mentioned multiple times, you should only prompt the user for **Male #1** once, and store that data in a single variable. Prompt the user for other data as needed. You should not use more than **12** variables and your solution should not call the `prompt()` function more than **12** times. (26 points)

- b. If you prompt for the same data more than once, for example, “Please enter a noun” – indicate how many times you’re prompting for the data. For example, “Please enter a noun (1 of 2)” (5 points)
- c. Write each variable value to the appropriate `` in the HTML document. (20 points)

You must use external JavaScript to complete this task. Scripts must be stored in a folder within the **assignment02** folder.

Continued on the next page.



GRADING NOTES:

The following will result in an automatic grade of zero (0) for Assignment 2:

- Use of inline JavaScript
- Failure to use the jQuery library to complete this assignment.
- Submitting the file in any format other than a compressed ZIP file.

SUBMISSION

1. Upload all of the files needed to complete the steps above to the repository created in our GitHub Classroom. Look to the assignment in Blackboard for our classroom link. This is where I will go to evaluate all your source code.
2. Include a link to your GitHub repository in your Blackboard submission.
3. Submit.

End Assignment.

