CPT 238 Assignment 3

Directions

Using the following guidelines, create a web page. Ensure to use the basic starting template, master.html.

1. Save the web page as assignment3.html
2. The web page <title> should be Assignment 3.
3. On the assignment3.html page, create four <div> elements in the body section:
   a. The first <div> should have an id of "myList".
   b. The second <div> should have an id of "myTable".
   c. The third <div> should have an id of "myActions".
   d. The fourth <div> should have an id of "myImage".
   e. Inside the first <div> element, create an ordered list with a class of "majors" The list should include six line items. See Figure 1 for the data for the list.
   f. Inside the second <div> element, create a table with a class of "courses". The table should have two columns and five rows. The first row should be a header row. See Figure 1 to get data for the table.
   g. Inside the third <div> element, create an unordered list with a class of "buttons". The list should include three line items. Each of these line items will contain a <button> element. See Figure 1 for data for the list/buttons.
   h. The fourth <div> element requires no content.
4. Create an assignment3.css file.
5. Create the following styles in the assignment3.css page:
   a. A style that will make the entire page background to be tan color.
   b. A style that will make the content of all <div> tags to be 20 point.
   c. A style that will make all tables have a width of 400 pixels.
   d. A style that will make the content of all ordered lists to be Arial.
   e. A style that will make the first line item of an ordered list to be red.
   f. A style that will make the last line item of an ordered list to be blue.
   g. A style that will make the fourth line item of an ordered list to be green.
   h. A style that will make all <u>except</u> the fifth line item of an ordered list to be italic.
   i. A style that will make all items line items in an unordered list to have no bullets.
   j. A style that will make all items with a class of "courses" to have a green background.
   k. A style that will make all items with the class of "enclose" to be 500 pixels wide and have a 3 pixel solid red border.
   l. A style that will make all items with a class of "header" to have a dark blue background with a font color of white.
   m. A style that will make all items with a class of "altrow" to have a gray background.
6. Create an assignment3.js file.
7. In the assignment3.js file , write the jQuery code that will:
   a. Not execute until all page elements have loaded.
   b. On the click event of the "Format Table" button, by adding the "header" and "altrow" classes, format the "courses" table as shown in Figure 2. See hint.

c. On the click event of the "Add Image" button, append the image (jquery_cover.jpg) to the <div> element with an id of "myImage" as shown in Figure 2.

d. On the click event of the "Add Red Borders" button, by adding the "enclose" class, add a red border around all <div> elements as shown in Figure 2.

e. EXTRA CREDIT: Write jQuery code that when the mouse is moved over the image, it doubles in size and then returns to normal size when the mouse is moved off. See hint.

8. Test your web page. It should initially appear as shown in Figure 1. When the three buttons are clicked, it should then appear as shown in Figure 2.

9. Zip your files and submit into the Assignment 3 Drop Box.

Hints

A good example of creating and formatting table rows is project pr02-02 on pages 44 -45.

The delegate() method or the on() method can be used to assign event handlers using the parent element to elements that do not exist when the web page initially renders.
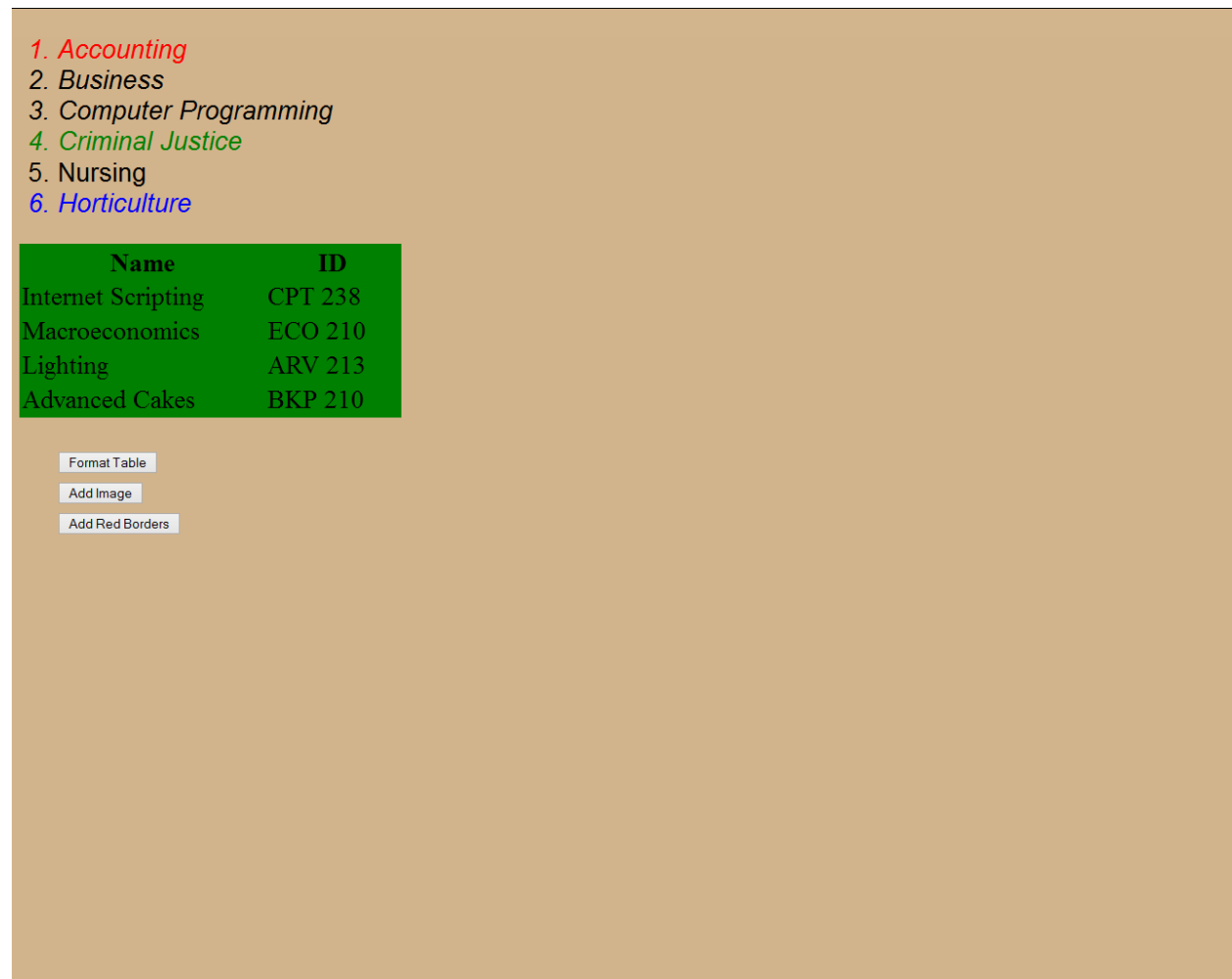

1. Accounting
2. Business
3. Computer Programming
4. Criminal Justice
5. Nursing
6. Horticulture

Name	ID
Internet Scripting	CPT 238
Macroeconomics	ECO 210
Lighting	ARV 213
Advanced Cakes	BKP 210

Format Table
Add Image
Add Red Borders

Figure 1

1. *Accounting*
2. *Business*
3. *Computer Programming*
4. *Criminal Justice*
5. Nursing
6. *Horticulture*

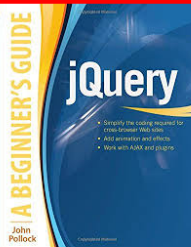| Name	ID
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Format Table
Add Image
Add Red Borders

Figure 2