**Apply Your Knowledge**

In step 5, you coded a table header as the first element within rows two through five. What was the purpose of using the table header elements here? What steps would you take to style these table header elements to align the text left?

The table header elements made each product category text appear as bold and aligned center. To modify the default, center alignment, you could create a new class, apply this class to these specific table header elements, and then create a style rule to format this class with a text-align: left.

**Extend Your Knowledge**

In this exercise, you discovered which HTML5 input types were supported by each major browser. Provide an example of code for two of the input types you listed in your table and include at least three attributes for the input element.

Input Type 1: file

<input type=“file” name=“file” id=“file” size=“25”>

Input Type 2: password

<input type=“password” name=“pw” id=“pw” size=“12”>

**Analyze, Correct, and Improve**

Identify at least three steps you would take to further improve this form.

1. I could insert a header to be used as a form title.
2. I could apply additional formatting to apply a top margin to the form.
3. I could add more input controls, such as checkboxes or select elements.

**Lab 1**

In this assignment, you created a form on the Contact Us page. Research the radio button, describe how you could add it to this form, and provide an example of the HTL code required.

I could use the radio input type to list the different volunteer opportunities available for the user to make a selection.

Code Required:

<input type=“radio” name=“opp” value=“Pantry Organizer”>

<input type=“radio” name=“opp” value=“Food Package Assembly”>

<input type=“radio” name=“opp” value=“Food Transporter”>

<input type=“radio” name=“opp” value=“Food Server”>

**Lab 2**

Research the requirements to submit a form to a server for processing and provide a summary of your findings.

To submit a form for processing, you need an IIS web server with these services enabled. Use the method and action attributes within the form element to specify form processing instructions.

**Lab 3**

In step 7, you inserted an date type input control. Describe the difference in how this field displays in Internet Explorer and Google Chrome. Explain the difference in appearance.

This field appears as a normal text field when displayed in Internet Explorer. This field appears as a date picker in Google Chrome. Google Chrome supports the date input type, which shows the date picker and Internet Explorer does not.

**Your Turn 1**

List at least three pros and three cons of using a table.

|  |  |
| --- | --- |
| **Pros** | **Cons** |
| Used to summarize | Formatting for mobile |
| Easy to read | Creating multiple style rules |
| Easy to assemble | Determining and testing a table for mobile display |

**Your Turn 2**

Research SSL (Secure Socket Layer) and then provide a summary of your findings and a link to your resource.

SSL is used to establish a secure connection between the client and the server during the transmission of form data. Many times, form data contains sensitive information, such as social security numbers or credit card numbers, and this type of information should not be transmitted in plain text because it could be stolen by an eavesdropping network thief. SSL is used to encrypt the data when it is transferred to prevent anyone from potentially obtaining personal information.

Source: https://www.digicert.com/ssl.htm

**Your Turn 3**

Research the mailto action and discuss the pros and cons of using the mailto action.

The mailto action is used to email form data information to an email address. This action, however, is unreliable because it requires a user to have email software configured on their computer in order for the mailto action. Additionally, it sends the information in plain text, which makes it susceptible to interception by a network intruder.