

Lab Activity 2: Adding another page for a Christmas store

For this lab session you will continue adding advanced HTML elements. You are given instructions below to edit the html file to make changes to the format/layout, add some content and to upload the file to Canvas.

Part 0: We will continue from our last lab. Create a copy of your last lab you submitted and save the html file as index.html file. View it in a browser and open it in the VS code Editor.

1. Create a folder named **Christmas_Store_yourLastName**.
2. Inside this folder, place the **index.html** file
3. Create two other html files inside the same folder named **contact.html** and **deals.html**
4. You should periodically verify there are no errors as you complete the rest of the lab assignment while working on the following tasks.
 - a. https://validator.w3.org/#validate_by_input
5. Launch **VS Code** on your machine and open your files.
6. When you modify the file, make sure you reload it in your browser to see your changes.

Part 1: Modify all HTML Files. Complete the following modifications without errors to receive credit.

1. **Convert three files to HTML5.**
 - a) **Make sure in both html files you use <!DOCTYPE html> at the top**
 - b) **In the HTML files, divide the “body” into following sections sequentially – header, navigation, article, aside and footer**

```
<header role = "banner">
  <h1>Welcome to Our Christmas Store</h1>
  <p>This page should be tried in safari, chrome or Mozilla.</p>
</header>
```

Use ' to implement Single Quote in Todays Deal

```
<nav>
  <ul>
    <li> Home</li>
    <li> Contact us </li>
    <li> Today's Deal </li>
  </ul>
</nav>
```

For the “article” tag, copy all content from body of last lab to index.html page’s article tag. Keep the “article” of other html pages blank

```
<article>
  <section>
    .....
  </ section >
</article>
```

For the “aside” tag, copy the following content in both html files.

```
<aside>
  <p> This is the aside part of the web page. </p>
</ aside >
```

For the “footer” tag, copy the footer content from the last lab to all html files.

```
<footer>
  .....
</ footer >
```

2. **Creating a navigation bar with links to local HTML files: Modify content in <nav> tag for all html files**
 - a) For home page, link the index.html
 - b) For the contact page, link the contact.html
 - c) For the deal page, link the deal.html
3. **Creating a banner image for both html files.**
 - a) Place an image inside the <header> tag. We will stretch the image with CSS to full width of the web browser in our next lab.
 - b) You can try canvas tag too
4. **Coding the “article” tag in contact.html page**
 - a) Add a h1 header with “Contact Us”
 - b) Then, add a “form” after it
 - c) Add two “input” elements with First Name and Last Name “labels”
 - d) Add one email input type with “Enter your email” label
 - e) Add one “textarea” input type with “Your Message” label
 - f) Add one “submit” input type with “Submit” value
 - g) Upon form submission it will redirect to home page
 1. Hint: Modify the form’s action to index.html and set the method to post
5. **Coding the “article” tag in deals.html page**
 - a) Add a h1 header with “Shop Our Best Holiday Deals Online”
 - b) Set the h1 heading’s inline color to “MediumSeaGreen”
 - c) Then, add a “table” after it with three columns and 5 rows
 - d) In the header of the table, place - “Items”, “Original Price”, “Today’s Deal”
 - e) In the rows, add some random items and their prices
 - f) Use “colspan” and “rowspan”
6. **Use 7 more random html elements you learned today. For example,**
 - a) **Format character entities**
 1. Add quotation marks to the start and end of the text in a blockquote element.
 2. Add a copyright symbol to the start of the footer.
 - b) Some inline elements
 - c) Some block elements
 - d) Add a media element (any of the advanced HTML5 media elements)
 - e) Add inline style element
 - f) Add a different input type in the form

1. Validate your file and verify there are no errors. Warnings are ok.
2. https://validator.w3.org/#validate_by_input

Now is a good time to practice your HTML tags, so try out new ones and make your page as nice as possible in the remaining time.

Part 3: Turn in your activity

1. Log in to **Canvas**.
2. Generate a zipped file of the folder
3. Go to **Lab2.1**. Upload the **zipped** file to the submission page.