# INFO 2420 Project 7

## Home Page Layout – Putting it All Together

**Introduction:**
The Dreamweaver environment makes organizing a website very easy.  In this project you will create your business Home page.

One of the important tools for placing your page content in the correct location will be the use of HTML structure and CSS for page layout.  For this project you must use CSS placed in an external stylesheet to provide the layout and styling for your Home.html page.  Review the Define Page Structure, the Layout and Style Web Pages with CSS, and the Add Content to Your Web Pages video tutorials if and when needed.

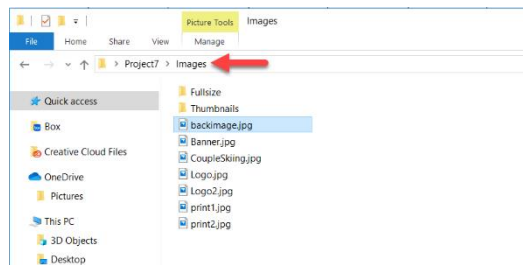You will also move your JavaScript <head> code from Project 6 into an external JavaScript file you include on your Home page.

**Getting Your Project Folder Set Up**

Step 1.          Create a folder called **Project7**.
                 Copy the start.html file again to your **Project7** folder.  Rename the file **Home.html**.
                 Modify the <title> tag in this web page to match your information and purpose of the page.

Step 2.          Create an **Images** folder in your Project7 folder.
                 There should be **NO** PSD files in this Images folder
                        Copy the following content into your **Images** folder
                        Copy all the images you used in Project3 – from Project3
                        Copy the Banner image - from Project5
                        Copy the Background image - from Project6
                        Copy the Print1 and Print2 images - from Project 6
                        Copy the Logo and Logo2 images - from Project6
                        Copy the Thumbnail and Fullsize folders with the containing images from Project 6

-continued-

Your Project 7 Images folder should look similar to this:



## CSS External Style Sheet and JavaScript External File

**Step 1.**  In Dreamweaver, choose **Site > New Site.** Give your site an appropriate name, and choose your Project7 folder. Create a **File > New > CSS** file. Name this new external style sheet **mystyles.css**.

Open the Home.html file and change to Code View. Attach the mystyles.css style sheet to your **Home.html** page. You should now see style sheet attached with the <link> tag.

**Step 2.**  First, you will need to copy the embedded style sheet styles used in your AboutUs.html and Tributes.html pages into this **mystyles.css** external style sheet. Remember not to include the <script> </script> tags in the CSS external style sheet.

This **mystyles.css** style sheet will also hold the style rules used for designing the layout of your Home page. There should be No embedded styles on the Home.html page.

**Step 3.**  Using **File > New**, choose to create a new external JavaScript file.
Copy any JavaScript from the <head> of your **Graphics.html** page used in Project 6 into this external JavaScript page.
Save the page as **myscripts.js**. Remember: do not include the <script> </script> tags in the external JavaScript file.

In the **Home.html** page, include a **<script type="text/javascript"  src= "myscripts.js"></script>** tag that includes the external JavaScript file on this page.
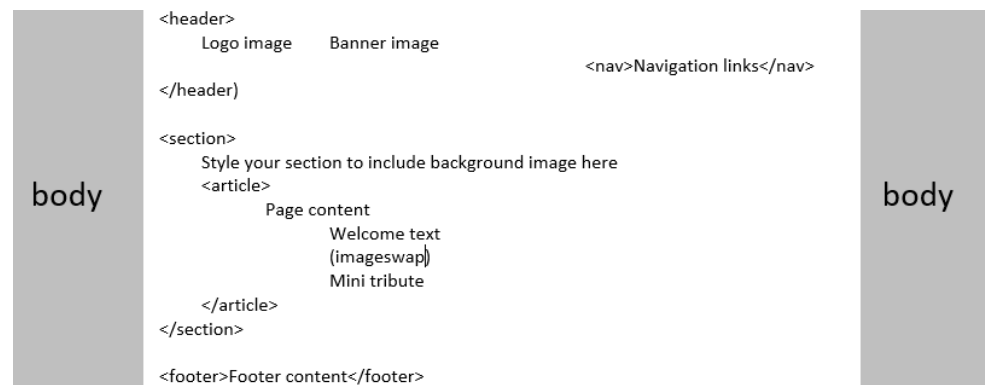If you used an onload JavaScript used in the <body> tag on the Graphics.html page from Project6 to preload any images, include this onload JavaScript in the <body> tag of your Home.html page in this project.

## CSS Layout for the Home Page

**Step 1.**  **Fixed-Width Centered Layout**
Layout for the Home page will be very similar to the page used in the Dreamweaver Practice: Lay Out & Style Web Pages With CSS.  The layout for the Home page will be determined by style rules placed in your **mystyles.**css external stylesheet. The Home page must use a centered **container** area with a width of 900px.

**Step 2. Defining the Box Structure for Home**



```
<header>
        Logo image      Banner image
                                                    <nav>Navigation links</nav>
</header)

<section>
        Style your section to include background image here
        <article>
                Page content
                        Welcome text
                        (imageswap)
                        Mini tribute
        </article>
</section>

<footer>Footer content</footer>
```

Define these boxes on the page: <header>, <section>, <nav>, <article>, and <footer>.   Add any separate **ids** to your mystyles.css style sheet to define these box areas as appropriate.  Refer to Dreamweaver tutorials mentioned at the top of this project for help with creating the needed CSS style rules and box structure. Here is a sketch of what the structure should look like:

**Note:**  If you add a border to any of these boxes, it will add these pixels to your width of the box.   Any padding added to these boxes will also add to the width.

**Step 3.**  **Styling the Body**
The body of your page is what will be outside the box content  Your body selector copied from your AboutUs embedded style sheet probably included a background-color.  You may choose to instead add a background-image to the body or a different background-color.

**Step 4.**  **Styling the <header> Box**
You will probably want a background-color from your color palette and height set for your header area. The width should be 900 pixels (borders and padding need to be included).

**Header Content**

Add the logo image and the banner image to the header.  You will want to align or float these images with CSS so they are placed where you want them.

Add needed JavaScript to the <body> to do your Logo image rollover.

**Styling & Including the <nav> Box inside the <header>**
You will want to nest the <nav> box inside the header box.  Using the golden mean or the rule of thirds, the width of the <nav> should be **30%** and should float right within the header. The <nav> will contain a navigation bar of links styled with CSS style rules. Do not use JavaScript or images for the buttons on this navigation bar.

**Nav Content**
You will create five links in your navigation bar that will all link to the
The links' hypertext will be: Home, About Us, Tributes, Survey and Favorites.

This navigation bar should fit the color scheme and theme of your business' site.

Style the anchor tags for each link in the navigation bar to **resemble a button** using CSS.  You must style the hover pseudo-class for these links to look differently than the link pseudo-class.  Review the Layout and Style Web Pages with CSS, and the Add Content to Your Web Pages video tutorials for help coding and styling the navigation content.

Make the link text large enough to be balanced on the right side of the <header> and have the impact you wish on your pages.

**Step 5.** **Styling <section> Box**
The width of the <section> should also be 900px.  Do not set a height for this area.  The <section> box should be below the <header> box.  Add your background-image (backimage.gif or backiimage.jpg or backimage.png) to the <section> element and repeat the background in the Y direction. This way the background should fill the <section> box.

Background Image Example:

```
section {
      width: 900px;
      background-image: url('Images/backimage.jpg');
      background-repeat: repeat-y;
      }
```

**Step 6.**    **Styling the <article> Box**
The width of the <article> box should be about **800px**.  The <article> will contain the page content for the Home page.

**Article Content**
Use a main heading that describes the purpose of the page with the business name.  You must make use of the required welcome text you will find in the Project 7 link where you found these instructions. Choose the text relevant to your business name: i.e. BirdsWelcome.text, HoneymoonWelcome.txt, etc.

Below the welcome message, add an appropriate second level heading for the thumbnails and fullsize images.  Add your Thumbnail image swap HTML tags from Project 6 in this area.  You may need to change the width of your thumbnails and fullsize images so they will fit within your <article>.

Below the thumbnail section, add a second level heading for a mini-tribute. Choose one of your tributes and add a tribute snippet of text with an image here.  Only include about two or three sentences and then **more >>**. We will link this mini-tribute to the full tribute in Project 8.  Style this mini-tribute and image so it fits well with other <article> content.  If you want the tribute image to appear smaller, you should resize it in an image editor.

**Note:**  Paragraphs in the <article> must NOT be centered as this makes reading them more difficult.

**Step 7.**    **Styling the <footer> Box**
The width of the footer area should be the same as the <header>, which is 900px. You may want to set a height for this area.  You need to choose a background-color for the footer from your site color palette.  Balance and align the footer content within the area.

**Footer Content**
You may need to add <div>s  or <p>s around content to position it as you wish.
  i.   A Webmaster **email link** (your email)
  ii.  The following text must also be in the footer area:  "**This web site has been created solely for educational purposes.**"

**Step 8.** You should validate your page to make sure there are no validation errors. Make sure every image has alternate text.

## Procedure for Submission:

Submit your Project7 using the following steps:

**Step 1.** Log into your account on GitHub and upload your entire Project7 folder in the Projects folder on GitHub.

**Step 2.** View your index.html page from the Internet using a path similar to:

**https://username.github.io/Projects/Project7/Home.html** Make sure all your images display correctly from the Internet path and all your links work.
Also make sure your Thumbnail image swap works correctly. Revalidate your Home.html page from the Internet.

**Step 3.** Your instructor will grade your project from your GitHub link after the due date has passed using the grading criteria below.

## Points Breakdown:

This project will be graded on the following criteria:

| Criteria | Ratings | | | | | | Pts |
|---|---|---|---|---|---|---|---|
| **Project 7 (1)** | | | | | | | |
| External CSS style sheet,Style rules were well named and added a professional look to this business home page. | 15 pts Correct | 13 pts Mostly Correct | 10 pts Some Problems | 7 pts Many Problems | 4 pts Mostly Incorrect | 0 pts Not Found | 15 pts |
| Home page layout worked appropriately in both Chrome and Firefox browsers. | 5 pts Correct | 4 pts Mostly Correct | 3 pts Some Problems | 2 pts Many Problems | 1 pts Mostly Incorrect | 0 pts Not Found | 5 pts |
| All JavaScript correctly placed | 10 pts Correct | 8 pts Mostly Correct | 6 pts Some Problems | 4 pts Many Problems | 2 pts Mostly Incorrect | 0 pts Not Found | 10 pts |
| Home page layout correct | 5 pts Correct | 4 pts Mostly Correct | 3 pts Some Problems | 2 pts Many Problems | 1 pts Mostly Incorrect | 0 pts Not Found | 5 pts |
| Navigation bar links well done | 5 pts Correct | 4 pts Mostly Correct | 3 pts Some Problems | 2 pts Many Problems | 1 pts Mostly Incorrect | 0 pts Not Found | 5 pts |
| <header> well done. | 5 pts Correct | 4 pts Mostly Correct | 3 pts Some Problems | 2 pts Many Problems | 1 pts Mostly Incorrect | 0 pts Not Found | 5 pts |
| <section> well done. | 5 pts Correct | 4 pts Mostly Correct | 3 pts Some Problems | 2 pts Many Problems | 1 pts Mostly Incorrect | 0 pts Not Found | 5 pts |
| <footer> well done | 5 pts Correct | 4 pts Mostly Correct | 3 pts Some Problems | 2 pts Many Problems | 1 pts Mostly Incorrect | 0 pts Not Found | 5 pts |
| <article> well done. | 10 pts Correct | 8 pts Mostly Correct | 6 pts Some Problems | 4 pts Many Problems | 2 pts Mostly Incorrect | 0 pts Not Found | 10 pts |
| Pages validated to HMTL 5 | 5 pts Correct | 4 pts Mostly Correct | 3 pts Some Problems | 2 pts Many Problems | 1 pts Mostly Incorrect | 0 pts Not Found | 5 pts |
| Project files correct. | 5 pts Correct | 4 pts Mostly Correct | 3 pts Some Problems | 2 pts Many Problems | 1 pts Mostly Incorrect | 0 pts Not Found | 5 pts |

Total Points: 75