INFO 2420 Project 7
Home Page Layout – Putting it All Together

Introduction:
The Expression Web environment makes organizing a website very easy. In this project you will create your business Home page. The page layout will make use of a 2-column fixed layout.

One of the important tools for placing your page content in the correct location will be the use of <div >tags 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. See the LayoutExpWeb slideshow, the Thinking Inside the Box slideshow and the LayoutCSS slideshow and the Expression Web Practice CSS Website Layout (2A) for help with CSS page layout and CSS styles.

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 each of these web pages to match your information and purpose of the page.

Step 2.   Create an **Images** folder in your Project7 folder.
There should be **NO** XCF 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 2 col 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

CSS External Style Sheet and JavaScript External File

Step 1.   In Expression Web, **Site=>Open Site** 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 by dragging the style sheet from the Folder List into the <head> of the 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 the **File=>Page** 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 Expression Web Practice CSS Website Layout (2A). 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 **<section>** area with a fixed-width of 900px.

Step 2. **Defining the Box Structure for Home**
Define these following boxes (elements) on the page: the container of the page will wrap a header, section and a footer area (width of each is 900px). Add separate **selectors** to your mystyles.css style sheet to define these box areas, Refer to Expression Web Practice CSS Website Layout (2A) for help with creating the needed CSS style rules. *You must use the HTML5 <header>,<section>, <nav> <article> and <footer> elements for these containers.*

Note: If you add a border to any of these boxes, it will add these pixels to your width of the box. Also any padding added to these boxes will also add to the width. It is better to create a <div> inside the box <div> and pad and align that inner <div> with CSS.

Step 3. **Styling the Body**
The body of your page is what will be outside the <section> element. 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 CSS style. The width should be the full <section> width.

<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 to be.

Add needed JavaScript to the <body> to do your Logo image rollover. Get the needed JavaScript from your Project 6!

Step 5.
Styling <section> Box)
The width of the section area should be the full container width. Do not set a height for this area. The section area will wrap around the leftcolumn <nav> and rightcolumn <article>. Add your background-image to the section CSS style and repeat the background in the Y direction. This way the background for both columns will grow as tall as the tallest column.

Step 6. **Styling the LeftColumn <nav> Box**
Using the golden mean or the rule of thirds, the width of the leftcolumn should be **250px**. The leftcolumn will contain navigation bar of links styled with CSS style rules. Do not use JavaScript or images for the buttons on this navigation bar.

LeftColumn 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. See the Expression Web Practice 2 for help on this. Make the link text large enough to be balanced in the left column and have the impact you wish on your pages. Add additional space characters before and after shorter hypertext to create a consistent width for your buttons.

Step 7. **Styling the RightColumn <article> Box)** The width of the rightcolumn should be **650px**. The rightcolumn will contain the page content for the Home page.

RightColumn 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 right column. You will need to change the width of your <div>s for the thumbnails and fullsize images to be about **600px** so they will fit within your rightcolumn.

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 rightcolumn content. If you want the tribute image to appear smaller, you should resize it in an image editor.

Note: Paragraphs in the right column must NOT be centered as this makes reading them harder.

Step 8. **Styling the Footer <footer> Box)**
The width of the footer area should be the same as the container width. 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 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 9. Make sure every image has alternate text.

Also please note that Using Internet Explorer may not render the page correct. Test your site using Google Chrome or FireFox. For now!

Procedure for Submission:

Submit your Project7 using the following steps:

Step 1. Log into your account on the Yoda web server and upload your entire Project7 folder in the Projects folder on Yoda.

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

http://yoda.tc.uvu.edu/lastnamefirstname/Projects/Project7/Home. ht m
Make sure all your images display correctly from the Internet path and all your links work.
Also make sure your Thumbnail imageswap works correctly.
Revalidate your Home.html page from the Internet.

Step 3. Your instructor will grade your project from this Yoda web server after the due date has passed using the grading criteria below. You can see your grade form and feedback under the **ASSIGNMENTS**, Graded tab or from the course menu in **My Grades**.

Points Breakdown:

This project will be graded (roughly) on the following criteria:

External CSS style sheet, mystyles.css, selectors, classes and pseudo-classes used for all style rules. No embedded CSS or inline CSS were used on the Home.html page. Style rules were well named and added professional look to this business home page.	15 points
Home page layout worked appropriately in both Chrome and Firefox	5 points
All Javascript not in the <body> was placed in an external myscripts.js file and included in the <head> tag of the home.htm	10 points
Home page body used a solid background or appropriate background image. Page container was 900px in width and centered. These styles	5 points

were in your mystyles.css file.	
Navigation bar links each linked to the Home.html page for now. Used only CSS in the mystyles.css to style the links to look like buttons, and the hover pseudo-class style for links looked different than the link pseudo-class style. Did not use JavaScript or images for these navigation links. Navigation was well styled and fit business theme.	5 points
Header contained Logo with JavaScript rollover, and banner. Header was well styled and fit business theme.	5 points
Section tag made use of your 2col background image. Also contained the left and right column. Added inner padding and alignment as needed to these column. Section and left and right column were well styled.	5 points
Footer contained the link to the Webmaster, and an email link to the Webmaster. Also contained a disclaimer, "This site was created for educational purposes." Footer was well styled and fit business theme.	5 points
Home page right column contained required welcome text and thumbnail imageswap from Project 6 and a short tribute with image. Rightcolumn content marketed the site well.	10 points
Home.html validated to HTML 5.	5 points
All images placed in an Image folder, Home.htm, mystyles.css and myscripts.js included in the project.	5 points
TOTAL	75 points