

HTML Assignment

Due Date: October 26, 2023
Due Time: 5:00 p.m. (Central)
Points: 100 points
Location: Canvas

This activity will take several hours to complete. This assignment must be completed in a group of no more than five students in each group. You will need to nominate a leader and scribe. The leader will assign tasks to the group while the scribe will document who does what and who does not take part during the assignment. **Every group member must complete a part of the HTML code.” If not, the group member(s) will get a zero. The scribe document will be placed in your folder by the elected scribe.

Objective

The goal is to create a website that you can use to market a made-up business. This assignment will instruct you learn how to create and publish a web page while learning to collaborate with other people. Part of designing and implementing a business website is making decisions about what content you want to publish.

Assignment Objectives

- A. Your leader will activate their URL found at people.tamu.edu in their account.
- B. You will create and publish a space for your website on the <http://people.tamu.edu> web server.
- C. You must use a campus computer to activate your account and complete this assignment.
- D. You must use Notepad or Notepad ++. Notepad and Notepad ++ are all on the computers on campus in any open lab.
- E. See deliverables section at end of document on what to submit on Canvas.

Group Instructions

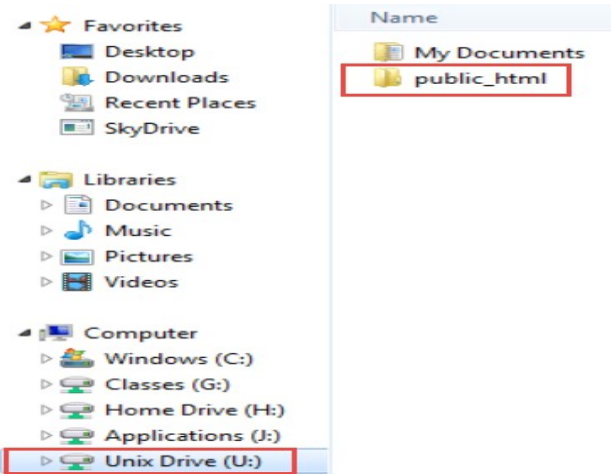
- A. Your group can meet over Zoom, campus computer lab, or both.
- B. After you complete the assignment, the leader can share the folder with the other group members if they want a copy.
- C. Some group members may not help when assigned parts. The scribe will document the group member who does not complete their part. The group members will not get credit. If you are someone who procrastinates on your part and does not communicate with your group, you will not get credit. The leader needs to make sure all documentation of communication and task assigned until after the assignment is graded.

Required Tags

The following are tags that must be used on your website.		
<!DOCTYPE html>	<html></html> -- defines HTML document	<head></head> -- defines document head and beginning of the page.
<title></title> -- title of webpage	<body></body> -- defines the document body and designates the beginning of the viewable page.	<table></table> -- table

<tr></tr> -- table row	<td></td> -- table data (cell)	<h#></h#> -- heading
<hr /> --- horizontal rule	<a> -- anchor	 -- image
 - creates a line break	<p></p> -- paragraph	 -- bullet list
 -- boldface	 -- list items used for ordered and unordered items.	<i></i> -- italics
<u></u> -- underline	 - ordered list	

Activating Your Website Account

The leader must be logged into campus to activate your people.tamu.edu URL link.	
Step 1: Open a browser on a campus computer and type people.tamu.edu	
Step 2: Click: Getting Started Link and Click: Manage OAL Account link	
Step 3: Click Set up my webpage link - Click: Enable	
<p>Step 4: Copy and paste your link into a browser.</p> <p>If it works, you will see a page that reads, “This page is under construction.” URL Ex. - http://people.tamu.edu/~wndxxxxx</p> 	<p>If your link is working, you can ignore the next steps. If you see “Forbidden”, your link is not working.</p> <p>First check to make sure public_html folder has an index.html file in the folder if you receive the “Forbidden”. It needs to have an index.html file.</p> <p>You will look for the Unix Drive on the campus computer. You will search for File Explorer.</p> <p>If you do not see the Unix Drive, try the steps after clicking on the link below.</p> <p>Missing U Drive - https://itselfservice.tamu.edu/tamucs?id=tamucs_kb_article&sys_id=KB0021242</p> <p>If the above does not work, you need to contact the Help Desk on campus. Their website is https://helpdesk.tamu.edu/ or call 979-845-8300.</p>

Locating U: Drive

In the next step, find your U: Drive to place your Notepad pages, word document, pdf document, and add
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<p>pictures in the public_html folder.</p> <p>Resource videos on how to create your pages, and different HTML tags are in Canvas under the Modules menu link.</p>	
Step 1: Login into the campus computer, search for File Explorer (folder usually located on the taskbar) to display the navigation pane.	
Step 2: Find the Unix Drive (U:) to find your public_html folder on the Unix Drive (U:).	See earlier steps above to map the U: Drive if missing and Help Desk contact information.

Create Your Pages, Documents, and Pictures

<p>Your group is ready to create the Notepad pages, word document, pdf documents and add your pictures in the public_html folder. The leader will place all the items into their public_html folder until complete. **Do not create any other folders in the public_html folder.</p> <p>Below are the items your group will create and place into the leader's public_html folder:</p> <ul style="list-style-type: none"> ● index.html ● businessoutline.html ● aboutus.html ● business plan word document ● business plan pdf document ● one business picture ● personal picture of each group member 	
Step 1: Open Notepad or Notepad++. Click File, Save As, find the Unix Drive (U:), public_html folder, and type index.html (The Home Page is always saved as index.html)	The index file already created the public_html folder can be removed and recreated.
Step 2: Repeat steps above to create the businessoutline.html and aboutus.html pages.	<p>Follow these steps if you take a break and come back later.</p> <ul style="list-style-type: none"> ● Open Notepad ● Click File ● Click Open <p>Change the drop-down box Text Documents (*.txt) to all files. You will click on the page you want to work on.</p>
Step 3: Place one business picture for the Home Page in your public_html folder. Business picture can be anything business related.	<p>Save your pictures with little letters. Examples: groupone.jpg. Picture file extensions are: .jpg, .jpeg, .png, or .bmp. Right click on the pictures and click Properties to check the image extensions.</p> <p>The picture will not appear in the web browser if you</p>

	use the incorrect file extension in the HTML code.
Step 4: Place a picture of each group member for the About Us page in the public_html folder.	
Step 5:	
<p>Step 6: Create and save a business plan in Microsoft Word and PDF. Place the documents in the public_html folder.</p> <p>The business plan will consist of the following:</p> <ol style="list-style-type: none"> Business Name Business Address (can be fake) Business Phone Number (can be fake) Business Email (can be fake) Business Plan <ol style="list-style-type: none"> Business Description Business Goals (list at least three goals) Products or Services offered. Strategy to sell your products or service (1 paragraph) Target market. 	You save the word version to pdf by clicking on File, Save As, click on Save as Type drop down, click on PDF, and then click Publish.

Creating Common Content for All Pages

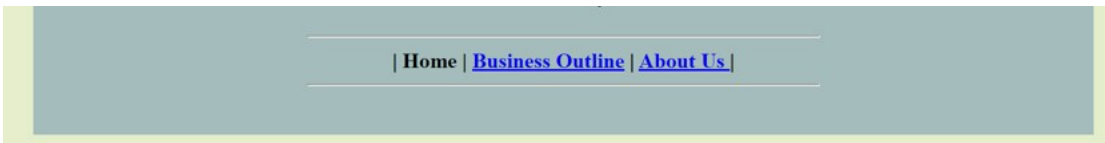
<p>Most of the HTML code used will have an opening and closing tag called elements. An opening tag is <code><html></code> and a closing tag is <code></html></code>. These are called HTML Elements/Attributes. HTML Elements resource https://www.w3schools.com/html/html_elements.asp. The common code will be created on the index page (Home Page) and copied into the other pages.</p>	
Step 1: Open your index.html (Home Page) in notepad.	<p>Follow these steps if you take a break and come back later.</p> <ul style="list-style-type: none"> ● Open Notepad ● Click File ● Click Open ● Change the drop-down box Text Documents (*.txt) to all files. You will click on the page you want to work on.
Step 2: Type <code><!DOCTYPE html></code> at top of the page.	DOCTYPE is the first tag on the page. This tag tells the viewer it is a HTML page. This tag does not have a closing tag.
Step 3: Type <code><html></code> tag next. Example picture below.	It is the second tag on the page. This tag will always be the “second and last tag” on every webpage.

<p>Step 4: Hit enter on the keyboard 10 times. Type the closing <code></html></code> like in the picture above.</p>	<h3>HTML Example</h3> <p>A small HTML document:</p> <pre><!DOCTYPE html> <html> <head> <title>Page Title</title> </head> <body> <h1>My First Heading</h1> <p>My first paragraph.</p> </body> </html></pre> <p>All other code created will be placed between the opening and closing html tags.</p> <p><code></html></code> will be the last tag on the page.</p>
<p>Step 5: Copy the <code><head></code> tag code listed below and paste after the opening <code><html></code>.</p> <pre><head> <title>Business Name </title> <!--Designed By: Group Member Name: Semester (fall, spring, or summer) --> </head></pre> <p>Replace “Business Name” with your Business Name in the code you just copied.</p> <p>Replace “Group Member Name: Semester (fall, spring or summer)” with each group member name and Semester.</p>	<p>The head tag is used for metadata (document title or keywords).</p> <p>The <code><head></code> tag displays information about your webpage but it is not viewable on the page when displayed in a browser.</p> <p>The title tag defines the title used and tab name in the webpage document.</p> <p>Head and Title resource: https://www.w3schools.com/html/html_head.asp</p>

Body Section:

<p>The body section is the viewable part of your webpage for people to see on the WWW. The body section will include paragraphs, pictures, hyperlinks, headings, etc.</p>	
<p>Step 1: Copy/paste the code below and place it under the closing <code></head></code> tag.</p> <pre><body> <table align="center" width = "800px" cellpadding="15px"> <tr> <td></pre> <p>Read this. The information listed below in the directions for the index and work history will go here. The information for each page will be different. You will remove this paragraph and place your</p>	<p>Body resource: https://www.w3schools.com/tags/tag_body.asp</p> <p>Place your cursor before the closing <code></td></code> tag and hit enter about 10 times. Delete the space if any between the closing <code></body></code> tag and <code></>html</code> tag.</p> <p>The closing html tag should be below the closing body tag. The ending tags on all three pages when completed and copied to the other pages will be the following:</p> <pre></td> </tr></pre>

<p>information here eventually. You will continue working with the common code for the index and work history pages.</p> <pre> </td> </tr> </table> </body> </pre>	<pre> </table> </body> </html> </pre> <p>Place your URL into a browser to view your progress. You will see the paragraph listed above in the browser.</p>
<p>Step 2: Add a bgcolor attribute to each of the tags listed below that you copied in the earlier step:</p> <ul style="list-style-type: none"> ● <body> ● <td> <p>Do not create additional body and td tags. You copied and pasted the body and td tag already in the steps above. You will add the colors to those two tags. You will only have one body bgcolor and one td bgcolor.</p>	<p>The bgcolor attribute will add a background color to your webpage. You will have two assorted colors on your webpage.</p> <p>Body and td color code resource: https://www.geeksforgeeks.org/html-body-bgcolor-attribute/</p> <p>HTML color code resource: https://htmlcolorcodes.com/</p>
<p>Step 3: Create three heading tags and center tags for each line listed using the information below in the heading tags.</p> <ol style="list-style-type: none"> Business Name – Replace Business Name with the name of your business. Group Members: List each group member's name. Date – List any date. 	<p>See picture below for an example. The heading tags along with the text will be placed after the opening <td> tag copied in the earlier step.</p> <p>There are six types of heading tags h1 through h6. The largest text size is h1 which defines as being important while h6 being the smallest text size defines as not being so important.</p> <p>Heading Tags Resource: https://www.w3schools.com/tags/att_hn_align.asp</p> <p>Center Resource: https://www.computerhope.com/issues/ch001474.htm</p>
<p>Step 4: Add and center an hr tag after the Date in the earlier step. HR tag should not be the full width of the page.</p>	<p>HR tag is a line on the page used to show a break in the page. You cannot use 50% for the width that is listed in the resource.</p> <p>HR Resource: https://www.quanzhanketang.com/tags/att_hr_width.html</p>

<p>Step 5: Add and center your navigation links after the hr line was created in the earlier step. Your navigation links will be listed as Home, Business Outline, and About Us.</p> <p>Home as shown below in the example code will not have an active link. Business Outline and About Us will have active links. Vice Versa on the other pages. If on the Business Outline page, it will not have an active link but Home and About Us will be active.</p> <p>Example: Home a href= "<nav link code>Example</p> <p>"nav link code" will be replaced with Business Outline and About Us.</p>	<p>The navigation link code in your notepad pages must match the names of your saved notepad file names or the links will not work.</p> <p>Your nav links will be created like the code under Link Structure in the resource below. You will change the name to your file page names.</p> <p>Navigation Link Resource: https://www.yourhtmlsource.com/myfirstsite/basiclinks.html</p> <p><a> is called an anchor and recognizes it has a hyperlink. Href is used to make the hyperlink active.</p>
<p>Step 7: Add an hr tag after the Date in the earlier step.</p>	<p>The horizontal rule divider should be centered on the page and not be the full width of the page. It needs to be the same length as the one you created earlier. You cannot use 50% for the width that is listed in the resource. HR Resource found above or copy and paste the hr code you created previously.</p>
	

Footer Section

<p>The footer section will be placed at the end of your webpage above your closing </td> tags created earlier.</p>	
<p>Step 1: Add an hr tag after the Date in the earlier step. Centered on the page and not the full width of the page.</p>	<p>All three horizontal lines must be the same length. You cannot use 50% for the width that is listed in the resource.</p>
<p>Step 2: Footer needs to be "centered" on the page.</p> <p>The footer code section will have your email address with something like "Contact Me". You will use the email address created in part one. You must use some other words beside "Contact Me".</p>	<p>A "footer" section will offset the content of your page and will be listed after the third hr line previously created. Do not click on the link after you create it. You must use email HTML code and not hyperlink code in the footer section.</p> <p>Email Address and Footer Resource: http://www.w3schools.com/tags/tag_address.asp https://www.w3schools.com/tags/tag_footer.asp</p>

[Contact Me.](#)

You should have the following showing on the page:

- Business Name
- Group Members:
- Date
- HR Line
- Nav Links
- HR Line
- HR Line
- Email Footer

Business Name – Replace Business Name with the name of your business.

Group Members: List each group member name.

Date – List any date.

| [Home](#) | [Business Outline](#) | [About Us](#) |

[Contact Me.](#)

Copy the Code to Other Pages

Step 1: Select and copy your HTML code on your index page. Test the links to make sure the links are working.

Copy the code into the Business Outline and About Us page from the Home page.

You will open the Business Outline and About US pages.

You must update the navigation links on the Business Outline and About Us as instructed earlier in the navigation link instructions listed above to make sure the links are not active when on the page.

Adding Information to Home Page (index.html)

Home Page (index.html) information will be placed between the second and third hr tags <hr> you created in the first part. All code, text, and pictures will be entered where the “Read this paragraph.” added in an earlier step. The Home page will describe what your website is about.

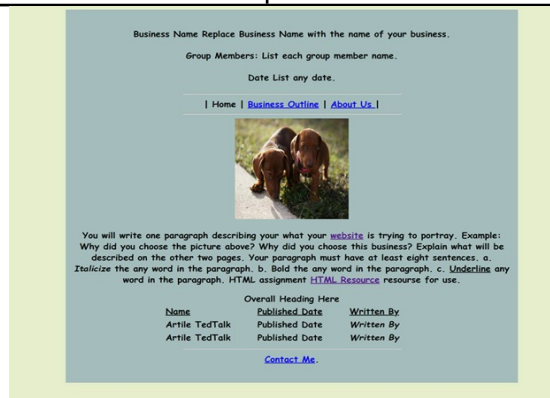
Step 1: Add one image at the top of the page below your second hr line.
Use the center tag to center the picture.
Add and adjust the width and/or height of the picture.
Use the ALT attribute for your image.

A business image is an image that you own or are free.

The image code name must match the saved picture. If your picture is saved as tamu.jpg, it must appear in the code as tamu.jpg. You can right click on the picture and view properties to see the file extension.

The alt attribute provides more information about the

	<p>picture if the picture does not appear.</p> <p>Image Resource: http://www.w3schools.com/html/html_images.asp</p>									
<p>Step 3: Write one paragraph describing what your business is trying to portray. Your paragraph must have at least eight sentences. You must center the paragraph. Italicize, bold, and underline any or same word in the paragraph. Must use all three tags.</p>	<p>Examples: Why did you choose this business? Why this service or product?</p> <p><p> tags are used for paragraphs.</p> <p>Paragraph Resource: http://www.w3schools.com/tags/tag_p.asp</p> <p>Bold, Italic, and Underline Resource: https://www.w3schools.com/html/html_formatting.as p</p>									
<p>Step 3: Create two hyperlinks to external websites in your paragraph.</p>	<p>Hyperlinks takes you to external websites. Hyperlink Resource: http://www.w3schools.com/HTML/html_links.asp</p>									
<p>Step 4: Create a table with three columns and three rows below the paragraph. The first row will be your header row as shown in the table example. The header row will have the header names listed below. You will list different business articles or business Ted Talks in the other two rows.</p> <p>Center the table on the page.</p> <p>Click save, refresh the browser, and view your changes.</p>	<p>HTML Table Resource: https://www.tutorialspoint.com/html/html_table_tag.h tm</p> <p>Table Example:</p> <table><tr><td>Name</td><td>Published Date</td><td>Written By</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	Name	Published Date	Written By						
Name	Published Date	Written By								



Adding Information to Business Outline Page (businessoutline.html)

You are ready to begin the Business Outline page by opening the page in Notepad.	
<p>Step 1: Type and center: Contact Information:</p> <p>Type and center: Business Name</p> <p>Type and center: Email Address</p> <p>Type and center: Phone Number</p>	You will need to list your business contact information as shown below under the second hr line already on the page. Center tag was provided earlier in instructions. You can use a fake email address and phone number.
<p>Step 2: Describe your product or services using at least four lines and center the paragraph. You will have at least two products or services.</p> <p>Create one hyperlink to a product or service to another website in the paragraph.</p>	<p>Write about two products or two services. Either or is fine.</p>
<p>Step 3: Create three headers about your business goals. See picture below for example.</p> <p>Underline each Goal header.</p> <p>Under each Goal header, list two goals. The two goals will have the following for each of the three.</p> <p>The first goal list must be a number list.</p> <p>The second goal list must be a Roman numeral list.</p> <p>The third goal list must be a bullet list.</p>	<p>Heading and Underline resources were provided earlier.</p> <p>This would be a good place to use the
 tag.
 tag works like enter on a keyboard.</p> <p>HTML List Resource: https://www.tutorialspoint.com/html/html_lists.htm</p>
<p>Step 4: Type and center two sentences that will have the hyperlinks to your business outline plan in pdf and word format.</p>	<p>The sentence will be placed above the footer and hr line. Hyperlink resources were provided earlier in the instructions.</p>



About Us Page (aboutus.html)

Before beginning, please review the example picture listed below.

Step 1: Add a picture of each group member.

Place the name of each group member under their picture.

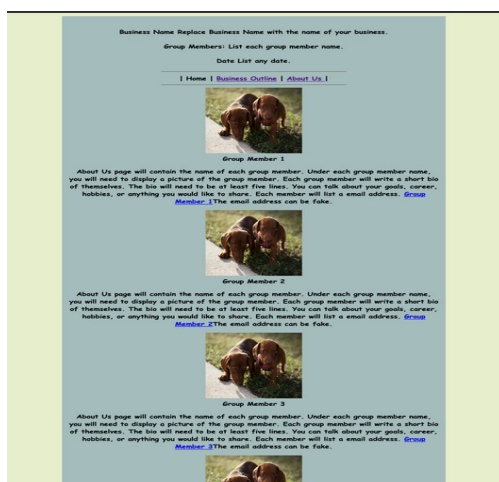
Write a short bio of themselves.

List an email address.

Img resource was provided earlier.

The bio will need to be at least three lines. You can talk about your goals, career, hobbies, or anything you would like to share. You will need to email or share the bio with the leader to post in the code.

The email address can be fake.



Email Files to Group Members

You have completed the HTML assignment. The scribe will need to send the leader the notes on participation from each group member. The word documents will be placed in the public_html folder.

Once the leader has zipped the file, the leader will email the zipped folder to each group member if they want a copy. The leader will be the only person to submit the file for grading.

Deliverables

Submit your completed work on Canvas. To submit a deliverable on the course website, you must do the following:

Step 1: You will zip the public_html folder. Click “Start Assignment”

You will right click on the folder, click Send To, and click Compressed (zipped folder). The files in the folder are in the zipped folder. **Do not open and check it. If you cannot attach the zip folder, attach each individual file before submitting.

Step 2: Click the “Upload File”. Click the “Browse” button and upload the following zipped file: public_html.zip for the assignment. (Do not click submit yet.)

If Canvas gives you a security warning, you can attach each individual file. You will click “Browse” and click on each file to attach before submitting the assignment.

Step 3: Enter the URL for your website in the “Comments” textbox. The URL for your website is http://people.tamu.edu/~NetID (replace NetID with your actual NetID).	
Step 4: After you have uploaded the public_html zipped folder AND entered the URL for your website, click the “Submit” button.	

Tips

1. Every webpage will have a beginning HTML tag and end with a closing HTML tag.
2. The <title> tag is needed in all HTML documents, and it defines the title of the document.
3. The tag is used in ordered lists () and unordered lists ().
4. All horizontal lines <hr> should be the same length on the page.
5. The
 tag is an empty tag and cannot be manipulated which means that it has no end tag.
6. Check your hyperlinks and make sure the links work.
7. You will need two colors on the page. You need a body background color and table background color.
8. Email links must have email code.
9. The email link will be a hyperlink but needs to have the email code.
10. The pictures should appear when pasting your URL in a browser.

Using an Open Access Lab on Campus

1. Log in to an OAL Computer.
2. Click Start > My Computer > U: > Public_html folder.