

Assignment 1

[New Attempt](#)

Due Sep 25 by 11:59pm **Points** 50 **Submitting** a website url or a file upload

Learning Objectives

This assignment tests your ability to apply the skills that you have learned to perform the following tasks:

- apply the Visual Studio .NET navigation skills that you learned in the hands-on labs to create Web pages and links between them.
- understand the syntax of the HTML 5 language (elements, attributes, and document structure.)
- use specific HTML tags and attributes to create various pages based on the labs and class presentations. (paragraphs, links, images, and selected semantic tags)
- upload a Web site to a Web server in the proper folder using proper naming conventions
- use the W3C validation service to verify the syntax of each page in the assignment. The validation report must be included as an image at the end of each page
- test the Web site to make sure that it works. That is, you should test and make sure that the images are loading properly and that the links work. You should also verify that the URL is correct to access the web site you posted

General Requirements

For this homework assignment, you will create a Web site made up of three different pages and links between those pages. You will also upload the Web site to the College of Business student Web server. The pages that you create will utilize most of the HTML 5 tags discussed so far in class. The name of the student Web server is `students.coba.unr.edu`. There is also an alias of `swww.coba.unr.edu`. So both URLs will work correctly. This is the same student Web server that you used in the labs. Your assignment **MUST** appear in the folder named **Assignment1** to receive full credit.

You will create three pages named **index.htm**, **content.htm**, and **copyright.htm**. Make sure to name the pages correctly. On each of these pages, create a reference to the HTML 5 DTD. This is usually done automatically when you add an empty HTML 5 page in Visual Studio. Make sure that you validate the document against the HTML 5 DTD using the W3C validator mentioned in class and used in the labs. **Points will be deducted for validation errors.**

Create all of the files (pages) so that they appear in the same folder on the Web server. Make sure that you remember to upload any images that are part of your site. In addition, all of the pages should have a similar look and feel. That is, the header, body, and footer content should look similar between pages. Don't worry about the formatting of text other than the formatting specified in the instructions. You will learn how to apply formatting using CSS later in the course. Do not sue CSS for this assignment.

Important: For each page that you create, capture a screen shot of the W3C Validation Report to show me that the page is correct. I suggest that you use the Snipping Tool to capture the screen shot. The screen shot showing that the page validated correctly should appear at the bottom of each page. **Please do not take pictures from your phone! Points will be deducted if the Validation Report is not displayed for each page. Points will be deducted if the Validation Report contains errors.**

Somewhere in your pages, you must correctly use the tags we have covered in class such as `<code>`, `<p>`, ``, ``, and other specifically lists in the page requirements.

Index.htm

- The Web pages in a site should have a similar look-and-feel. For this site, you should create a simple menu as follows:
 - Create a horizontal line across the very top and bottom of the page.
 - Also on the home (Index) page, create links to the other two pages. The links should appear just below the line at the top of the page. You must use relative links between the pages in your site. Create another horizontal line just below the menu. The menu should appear on every page and appear just like it does on the home page..
- The home page should have a level 1 heading containing your full name. Your name should appear below the links to the other two pages (navigation area).
- Add a picture of your choosing to the home page such that it appears below the level 1 heading. You must use a relative reference for the image. Make sure that you have alternate text for the image for accessibility. Wrap the image in the appropriate figure and figure caption tags. Create a caption for the figure as you see fit. You can use any image you want.
- Add a second picture of your choosing to this page. However, do not download this picture. Use an absolute reference to the picture on the Web. Make sure that you have alternate text for the image for accessibility. Wrap the image in the appropriate figure and figure caption tags. Create a caption for the figure as you see fit.
- Write the necessary tag so that the text **Home** appears in the browser's title bar.

Content.htm

For this page, you have considerable flexibility. You can use any content that you want. Pick a subject in which you are interested, and teach me something or inform me about it. You do not need to write all of the content yourself. You can cut and paste it from the Web.

To get full credit, your page **MUST** meet the following minimum requirements.

- Create a horizontal line across the very top and bottom of the page, just as you did on the first page and wrap the menu in the appropriate navigation tags. All the pages should look the same.
- Also on the page, create relative links to the other two pages. The links should appear above the horizontal line at the top of the page.

- Create a level 1 heading as you did on the first page. The text of the heading should describe the purpose or meaning of your site. Your heading should be wrapped in an `<article>` tag.
- Your page must have at least three sections `<section>` tags and corresponding `<h2>` tags. Put your content in the sections. The sections should have at least one `<article>`.
- Your page must have at least two images excluding the image required for the validation report. They must have semantic figure, figure caption, and alternate text.
- Your page must have at least three links to pages that somehow relate to your page. One of those links must operate as a clickable image.
- A bulleted list must appear somewhere on the page.
- Write the necessary tag so that the text **Content** appears in the browser's title bar.
- Just below the menu and before the top `<h1>` and `<article>` tag, create bookmarks to the various sections. The number of bookmarks will vary based on the number of sections. Your bookmark links can point to the `<h2>` or `<section>` tags.
- Use `` and `` tags as you see fit to emphasize text.

Copyright.htm

- This page is very simple.
- Again, create horizontal lines at the top and bottom of the page.
- Create links to the other two pages. The links should appear just below the line at the top of the page.
- Write the necessary tag so that the text **Copyright** appears in the browser's title bar.
- Somewhere in the copyright notice, you must use the copyright symbol (named entity).

Posting the Web Site - Submitting Homework

You can submit the homework in 1 of 3 ways.

- Using WinSCP or other FTP program, create a folder named **Assignment1** on the server as a subfolder of your home folder on `swww.coba.unr.edu`. To do this, make sure that you are connected to the student Web Server. If you do this, submit the URL of your assignment.
- Create a .zip file containing all of your assignment files. Submit the .zip file to WebCampus.
- Use a GitHub repository and share the URL of the repository.

Bottom line, I just need to get the files and directory structure!

Deliverables and Grading

This assignment is worth 50 points.

I will assess your Web site based on the following criteria:

Item	Relevant discussion items	Points
Completeness	Were all of the work items completed? (horizontal rules, content, headings, etc.)	10
Links	Do the links (and bookmarks) work? Were absolute and relative URLs used correctly where specified.	5
Images	Do the images work and load correctly?	5
Correctness	Is the HTML5 syntactically correct? Did all of the pages pass the W3C Validation Service. Was an image of the validation report included at the bottom of each page?	10
Posting	Was the site posted correctly? Was the Web site posted to the correct folder? Were the pages named correctly?	10
Semantic	Were the semantic tags properly used?	10

Grading Rubric

Criteria	Ratings	Pts
Completeness Were all of the work items completed? Horizontal rules at the top and bottom of each page. Header tags on all pages. Copyright notice on home page. Title set in section		10 pts
Links Do the links (and bookmarks) work? Absolute and relative URLs used correctly where specified. Links within site work. Link to page contains links in unordered bulleted list.		5 pts
Images Did the home page image display? Did the images on the semantic page appear.		5 pts
Correctness Is the HTML5 syntactically correct? Did all of the pages pass the W3C Validation Service. Was an image of the validation report included at the bottom of each page?		10 pts
Posting Was the site posted correctly? Was the Web site posted to the correct folder (Assignment1) Were the pages named correctly? Was the home page named index.		10 pts
Semantic Were the semantic tags properly used? to mark the article(s) to mark the author to mark the date		10 pts
Total Points: 50		