CIT125 Web Design & Development

LessonChp09

FILES PROVIDED:

- Moraine State Park – Lake Arthur Video (Instructors version of assignment)
- Capture-Edit Images Video (download from Blackboard Course Documents)
- Title Box Video (download from Blackboard Course Documents)
- Create Three Box Footer Video (download from Blackboard Course Documents)

NOTE: videos are in a compressed folder and MUST be extracted before viewing

- How to Use Color Scheme Designer and HTML Color Names:
  - https://www.youtube.com/watch?v=-snifsBQPak
  - https://www.w3schools.com/colors/colors_names.asp

ASSIGNMENT:

Read chapter 9

This assignment will focus on working with images. Create a website for **ONE** of the following lake parks:

- Pymatuning
- Canonsburg Lake
- Glendale Lake
- Conneaut Lake
- Crooked Creek Lake
- Shawnee State Park

 (Cannot use the Moraine State Park – Lake Arthur)

You are to do the research (collecting the text and images). There is a video, Capture-Edit Images, that will help with collecting the images.

Specifications:

Master – width 1200px
Header – width 1200px, will have an image and title box
Navigation – primary and secondary
Contents – two columns
Footer – three columns, height 200px

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The website is to be two or more pages using CSS, box elements and absolute positioning. The structure will be styled by an embedded styling.

The footer is three separate box elements, but by making the background and border color all gray, it appears as one box.

The left and right columns of the Home page will have text and image. The second page can have images in both columns.

Column images should be almost as wide as the column (Remember that the column has padding).

1. Start by creating the master folder (lastnameChp09)
2. Inside the master folder create the subfolder 'index_files'
3. Inside the subfolder create the 'images' folder

Here are some tags that you will need:

NOTE: These tags are coded for the Home page (index.htm). If they are used on page two or three, the 'index_files' must be removed from the link path.

CHECK LIST:
- ✓ Create master folder: lastnameChp09
- ✓ Create home page: index.htm
- ✓ Create subfolder: index_files
- ✓ The webpages are to be 1200px wide
- ✓ Adjust the page length to fit the needs of the website, but both pages **MUST** be the same length (Master height).
- ✓ All images **MUST** be sized
- ✓ **MUST** use box elements with absolute positioning
- ✓ **MUST** use wrapper and master to center the pages
- ✓ **ALL** text **MUST** be styled (**NO HEADER TAGS**)
- ✓ **MUST** have secondary navigation (**Goes in right footer**)
- ✓ Spelling counts
- ✓ **MUST** include completed document segment
- ✓ **MUST** document resources (**References go in left footer**)
- ✓ Your master folder **MUST** be compressed

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- ✓ <mark>YOUR ASSIGNMENT MUST BE SENT TO BLACKBOARD</mark> by mid-night Tuesday **October 15**

Since you are adding your own material here are the guide lines for the theme:
- <mark>No obscene or pornographic material</mark>
- <mark>No weapons or illegal substances</mark>
- <mark>Nothing illegal</mark>
- <mark>Nothing defamatory</mark>
- <mark>Nothing fraudulent</mark>

This section is HTML 5 Standard, not all apply to this assignment
- ✓ All Web page documents will begin with; <!DOCTYPE html> and <html lang="en">
- ✓ All XHTML elements, tags and their attributes, must be lower case
- ✓ All tags on the example template document are required
- ✓ The <title> tag is the first tag in the header section
- ✓ All tags must be closed
- ✓ All attribute values must be contained in quotation marks
- ✓ All attribute values must have values
- ✓ There should be no line breaks or extra blank spaces between attributes
- ✓ All tags must be properly nested
- ✓ Tag-specific nesting restrictions apply
- ✓ Formatting will be configured with embedded styling or style sheets
- ✓ ALL work MUST be you own
- ✓ <mark>The <font> will not be used - **deprecated**</mark>
- ✓ <mark>The <center> will not be used - **deprecated**</mark>
- ✓ <mark>All color attributes must be hexadecimal - **required by instructor**</mark>

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NOTES:
File structure:
Master folder:

lastnameChp09 (contains the entire website and will be compressed to submit to Blackboard)

Home page:

index.htm (the only file outside the subfolder)

Subfolder:

index_files (contains the rest of the website files and images folder)

Images folder:

images (contains all the images for the website)

Note: This is the folder structure to be used for the rest of the course.

Toolbox

When you begin to create a Web page there will be tags and attributes that you will use over and over. There is also code that you only use for a specific type of Web page. How great would it be if you could just open a text file and have this code readily available to copy and paste into your Web page? This is what a toolbox is all about! Even better, it is free and all you have to do is create one!

To begin your toolbox, open your text editor. You want to use this because it supports only very basic formatting, you cannot accidentally save special formatting in documents that need to remain pure text. This is especially useful when creating HTML documents for a Web page because special characters or other formatting may not appear in your published Web page or may even cause errors.

Type in at the top in comment tags, <-- toolbox updated month.year --> and you will know how old your code is. Web page development is always changing. Save your toolbox as toolbox.txt, you want to keep it as a text file to copy and paste code.

The first item in my toolbox is my page template, because that is the first code structure I use. All you have to do if type in titles, name, date and filename.htm

White Space

In industry, Web designers run all the text and tags together making it difficult for someone to copy code. In education, while students are learning how to write

code, white space is used to make that code easy to read. You are to use white space in your code. For an example of this, look at the code for Linking Example.htm.

The graphic design term whitespace (or negative space) literally refers to any area of a page that's not covered by type or illustrations. While many novice web designers (and most clients) feel a need to fill every inch of a web page with photos, text, tables, and data, having empty space on a page is every bit as important as having content. Without carefully planned whitespace, a design will feel closed in, like a crowded room. Whitespace helps a design to "breathe" by guiding the user's eye around a page, but also helps to create balance and unity.