

# Website Development

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IT117 UNIT 4 QUIZ STUDY GUIDE

# Quiz

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- **One attempt**
  - Do not log out as you cannot get back in
  - I do not have access to reset quizzes for students
- **One hour**
  - Quiz will close at the one hour mark
  - Be sure to save answers as you go
- **25 questions**
  - One point each question

# How are Website Files named?

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- What file extension is applied to website page files?
  - .html
  - .htm (no longer valid)
- What is the home page of a website named?
  - index.html
    - URLs default to the index.html file

# Structure Tags

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- What are the structure tags?
- What order are they coded?
  - doctype statement
  - html
  - head
  - body
- How are they closed?
- What are the last two tags on all website pages?
- What do each of the structure tags do?
  - The head section holds the title and other content that does not display in the browser window
    - Where does the title text display?
  - The body contains the content that appears in the browser window

# Semantic Tags

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- Tags named for what they do or represent
- Used for formatting, page layout, screen readers, and search engine indexing
  - header
  - footer
  - nav
  - main
  - aside
  - section
  - article
- The following are NOT semantic tags: p, br, hr, h1, h2, h3, h4, h5, h6, a, ul, and li

# Text Tags

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- The `<p>` and `</p>` tag pair is used to code paragraph text
  - Formats text into a “block”
  - Double spaces the content that follows
- The `hn` tags are used to code heading and subheading text
  - Bolds text
  - Sizes text
  - Double spaces the content that follows
  - Sized from 1 (largest) to 6 (smallest)
- The `<hr>` tag creates a horizontal line (or rule) on the page
- The `<br>` tag moves content a single line down the page

# List Code

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- Unordered list

- Creates a bulleted list
  - Use `<ul>` and `</ul>` around the list
  - Use `<li>` and `</li>` around each list item
  - Change bullet types using `style="list-style-type: xxxx;"`
    - Options for type include: disc (default), circle, square, and none

- Ordered list

- Creates a numbered list
  - Use `<ol>` and `</ol>` around the list
  - Use `<li>` and `</li>` around each list item
  - Change the bullet types using `type="xxxx"`
    - Options for type include: 1 (default), A, a, I, and i

# Image Code

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## **<img> tag (empty tag – no closing tag)**

- Required attributes and what each does
  - alt – description of image for users who can't see the image
  - src – sets the file path to the image
  - width – sets the width of the placeholder that appears if the image doesn't show up
  - height – sets the height of the placeholder that appears if the image doesn't show up
- Use relative file paths for images for faster load time and portability
- Code actual width and height of image for placeholder
  - Never resize images using the width and height attributes
  - Images must be sized using an editor prior to coding into a website page and uploading
- Save and upload image files inside a folder named images
  - No capital letters or spaces allowed in file or folder names



# File Paths and Link Code

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- Relative file path or URL
  - File name alone (or file and folder)
- Absolute file path or URL
  - Full file path or URL, including domain
- Code a link using the `<a>` tag
  - Requires the href attribute
- Use relative URL for navigation links
- Use relative file path for images

# Website Page Editing Tools

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- What tools do you use in this course to build Web pages?
  - Text Editors:
    - MS Notepad
    - TextEdit
- What are some other tools available for developers?
  - Website Development Applications:
    - Dreamweaver
    - Notepad++
    - Brackets