Website Development

IT117 UNIT 4

Image Editors

MS Paint

Inkscape

GIMP

*Other options are fine as well – no specific editor is required

Rules for Naming Images

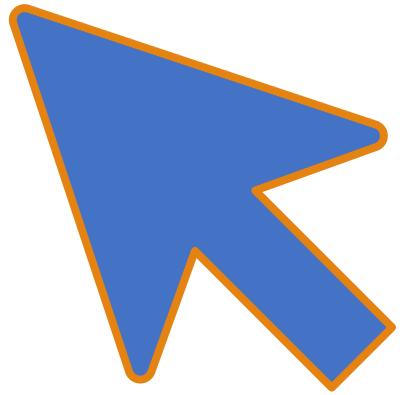
When editing and saving images:

- No capital letters allowed in image file names
- No spaces allowed in image file names
- Should be .jpg .gif or .png files
- Save a working copy (and/or original) in addition to edited image
  - Always save original photo and edit a working copy
  - Save .png graphic for editing

The <img> Element

HTML5 <img> element is an empty (self-closing) tag (no closing tag)

- Required attributes:
- The src attribute
  - Specifies the file path leading to the image
  - Image files should be stored in a folder named images
    src="images/filename.jpg"
  - Use the relative file path
- The alt attribute
  - Describes the image for the user who can't see the image in the browser
- The width and height attributes
  - Use the actual width and height of the image
  - **NEVER resize images using the width and height attributes**
    - **The purpose of the width and height attributes is to size the placeholder the same as the image. It is not intended for image sizing.**



Sample <img> tag

<img src="images/sunset.jpg" width="450" height="225" alt="beautiful sunset">

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<img src="images/sunset.jpg" width="450" height="225" alt="beautiful sunset">

- Notice the space between each attribute
- Notice the quotation marks around the values for the attributes
- No label/unit for dimensions
- No closing tag

Unit 4 Assignment – Create Logo

Make all corrections noted in my feedback for Unit 2 and Unit 3

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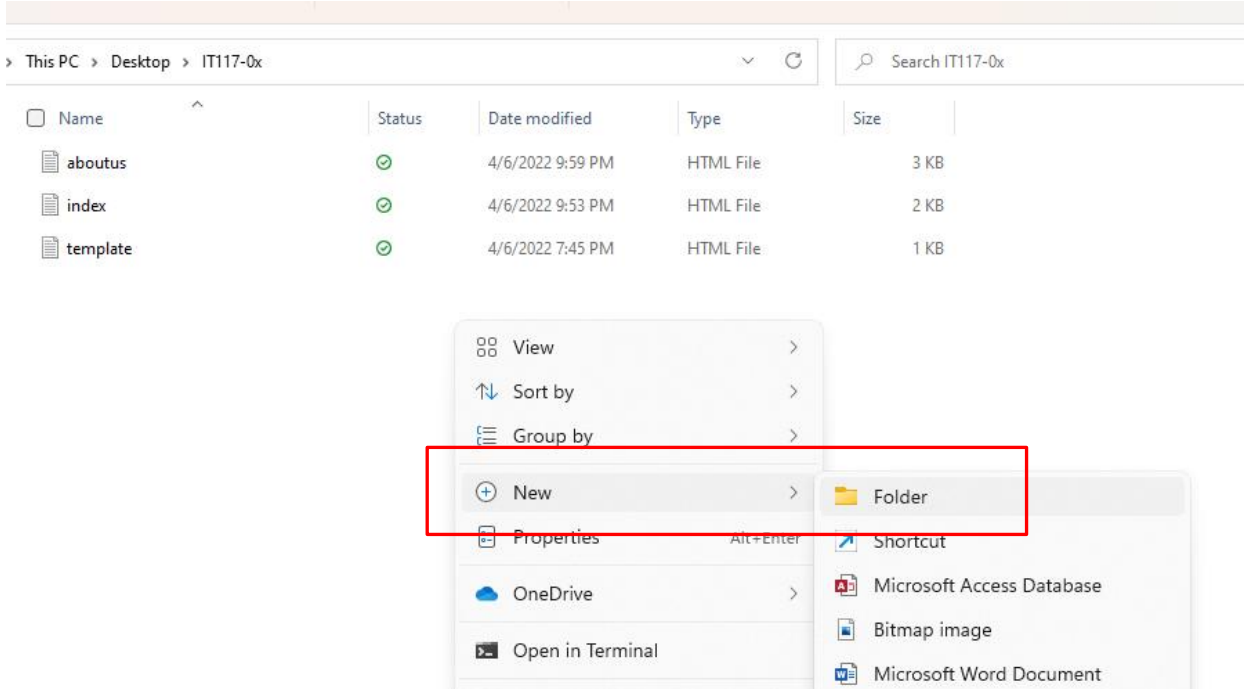
Create a new folder in your course folder (on your computer)

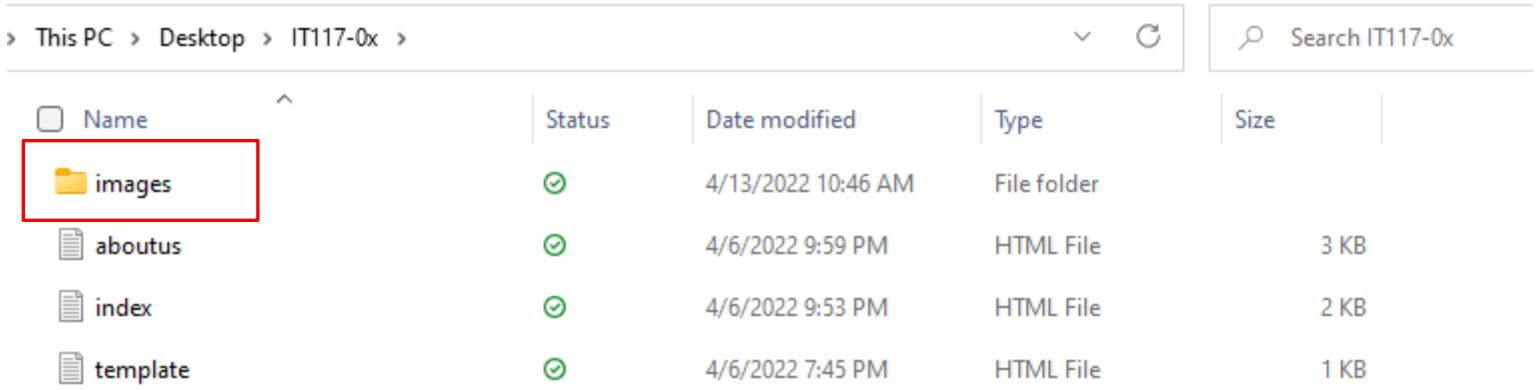


Unit 4 Assignment – Create Logo

Make all corrections noted in my feedback for Unit 2 and Unit 3

Create a new folder in your course folder (on your computer)

- **Name the folder images**
  - **No capital letters allowed**



Unit 4 Assignment – Create Logo

Make all corrections noted in my feedback for Unit 2 and Unit 3

Create a new folder in your course folder (on your computer)

- Name the folder images
  - No capital letters allowed

Using the editor of your choice, create a logo graphic for your restaurant

- Logo must contain letters and/or shapes
- Logo must be 100-200 pixels in both width and height
- Logo must contain at least two colors
  - **Other than black and white**

Unit 4 Assignment – Create Logo Cont.

Save (or export) logo and name correctly

- Name your logo graphic:
  - logo.gif
  - logo.jpg
  - logo.png

*No other names or variations allowed

- Ensure it is saved *or exported* inside your images folder

Open index.html in Notepad. Code an img tag in the header, before the h1 heading

- Include all required attributes
- Use a relative file path

Save

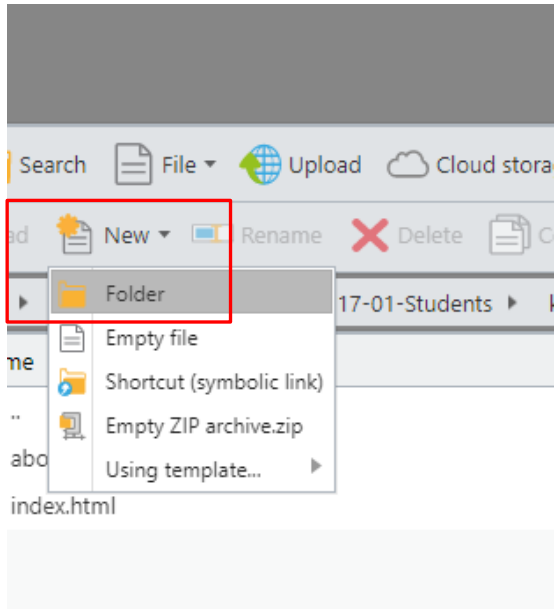
index.html - Notepad

File Edit Format View Help

```
<!doctype html>

<html>

<head>

<title>Joe's Grill - Home Page</title>

</head>

<body>

<header>

<h1>Welcome to Joe's Grill!</h1>
</header>

<nav>
<ul>
<li><a href="index.html">Home</a></li>
<li><a href="aboutus.html">About Us</a></li>
</ul>
</nav>
```

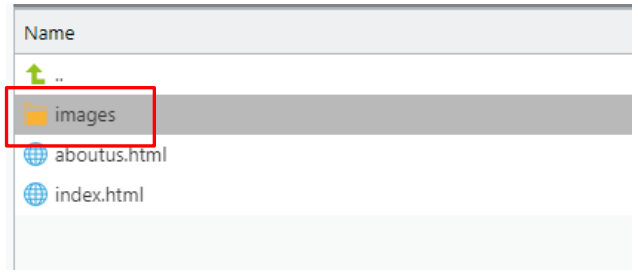
Unit 4 Assignment – Upload Logo

1. Log into your server account
2. Click the IT117-0x folder to open it
3. Upload index.html and aboutus.html to overwrite your previous files
4. **Click the New button and select Folder**
   - Name your new folder images with no capital letters



Unit 4 Assignment – Upload Logo Cont.

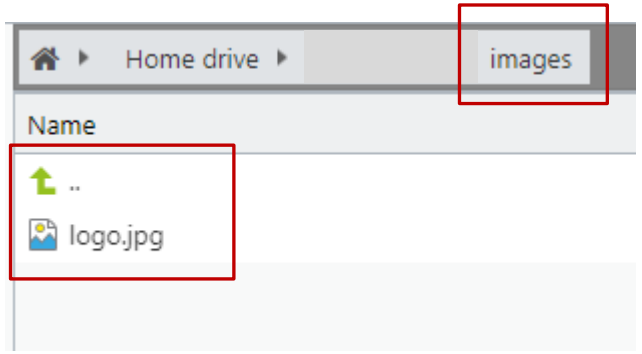
Click the newly created images folder to open it



Unit 4 Assignment – Upload Logo Cont.

Click the newly created images folder to open it

Upload your logo image inside the images folder you just created

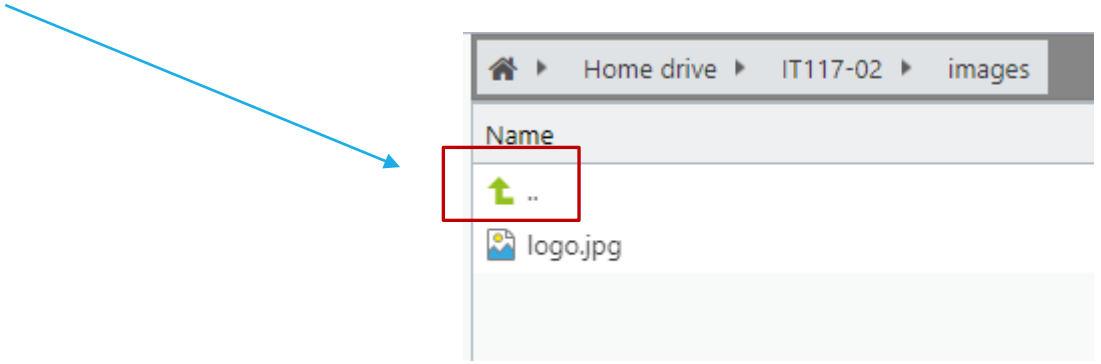


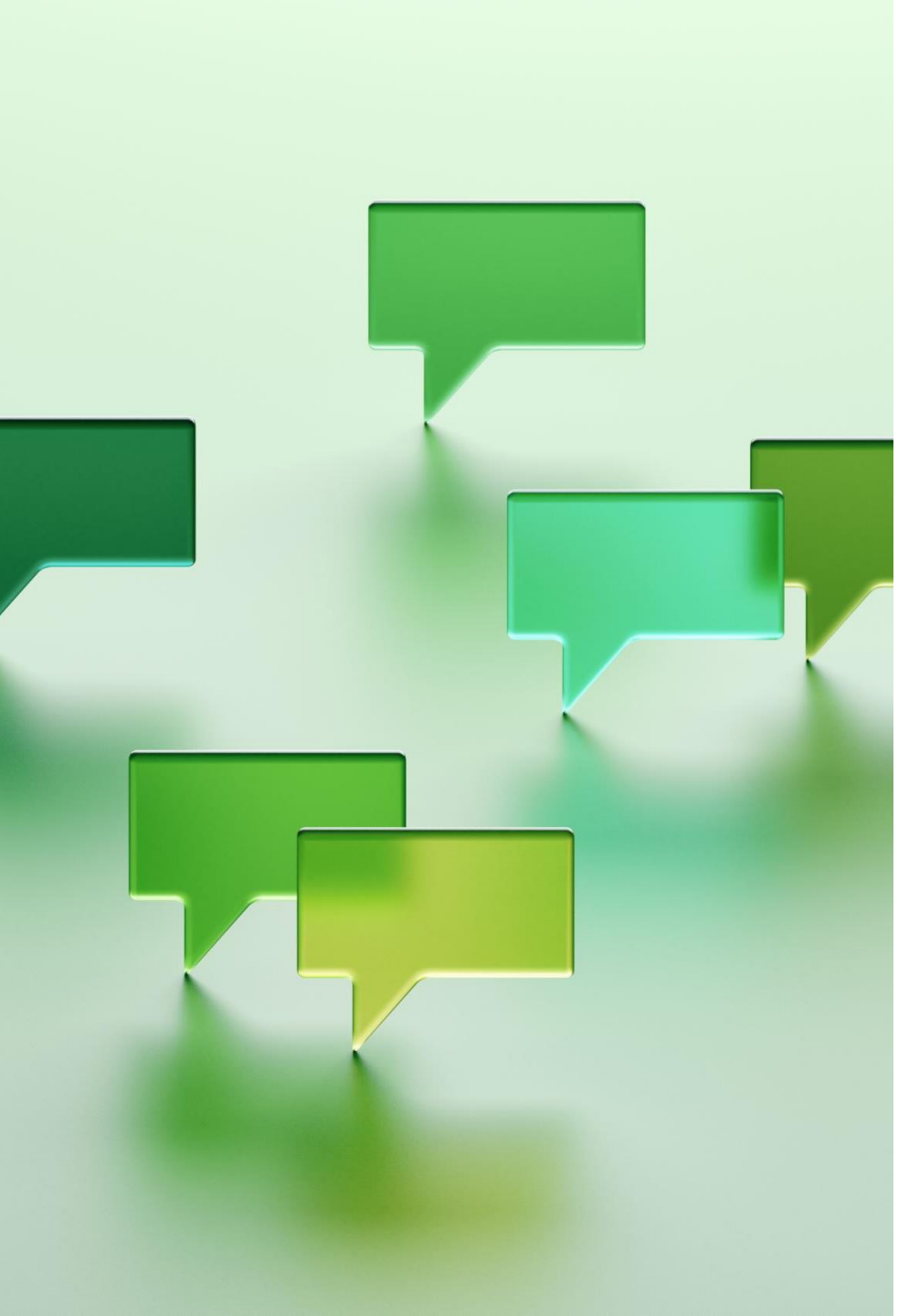
Unit 4 Assignment – Upload Logo Cont.

Click the newly created images folder to open it

Upload your logo image inside the images folder you just created

**Click the green arrow to return to the root folder containing your .html files*





Unit 4 Assignment – Submission

Test your Home and About Us pages via the URL

- Ensure the logo displays correctly, in the left-hand corner at the top of each website page

Attach any file to the Dropbox and paste **BOTH** of your URLs into the Comments

submit one time only

Unit 4 Graded Quiz

Study Guide Posted as Course Announcement at the end of class

- The doctype statement
- Structure tags
- Semantic tags
- Text support tags (p, br, hr, hn, etc.)
- Ordered and unordered lists
- Image files

Quiz covers topics from Units 2-4

25 questions/25 points

1 hour

1 attempt

- I do not have access to reset the quiz for students or allow students to re-enter the quiz
- Be sure you have notes/study guide handy, a good Internet connection, and one hour uninterrupted
- Save answers as you go just in case

Due Friday, September 22nd

Wrap-Up

QUESTIONS OR COMMENTS?