



File Paths

Lesson Time: 15 Minutes

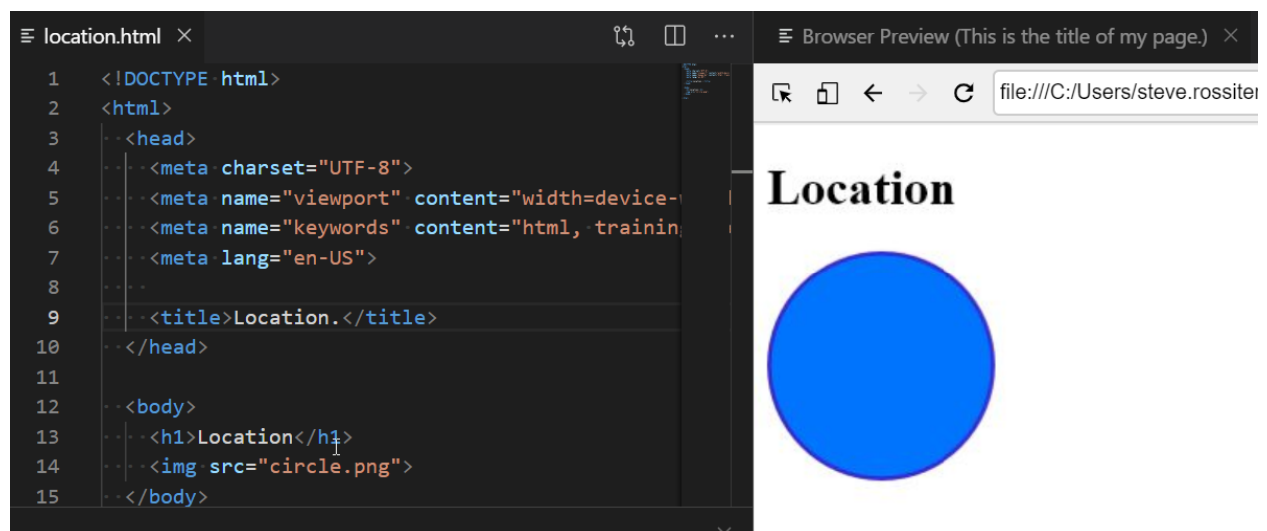
FINDING A FILE WITH CODE.

In the next lesson we are going to work with displaying images in our page. To work with images, we need to understand how our computer locates files on our computer.

In this example, I have a html file called location.html and an image file called circle.png saved in the same file folder.

Name	Date modified	Type	Size
 circle.png	8/12/2019 1:59 PM	PNG File	6 KB
 location.html	8/12/2019 9:50 AM	Chrome HTML Do...	1 KB

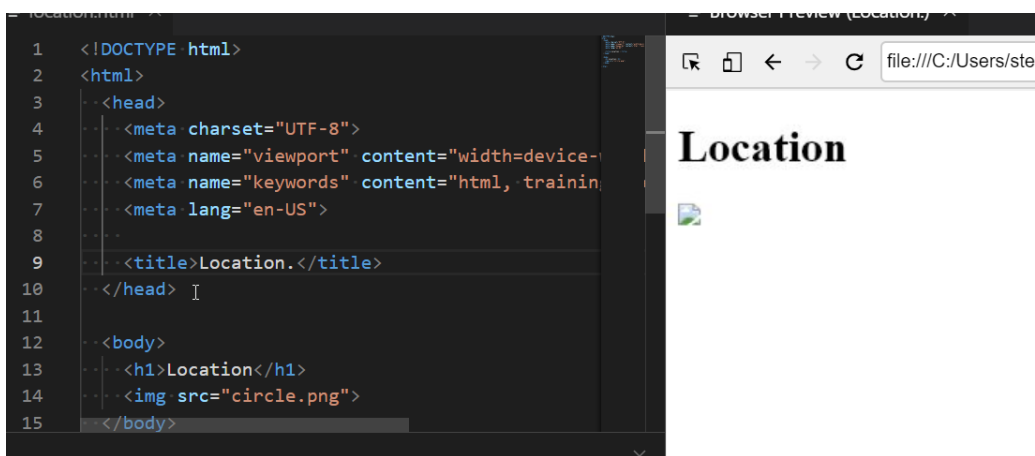
In the following code, we use the `` element and set the `src` attribute to `circle.png`. The image displays correctly.



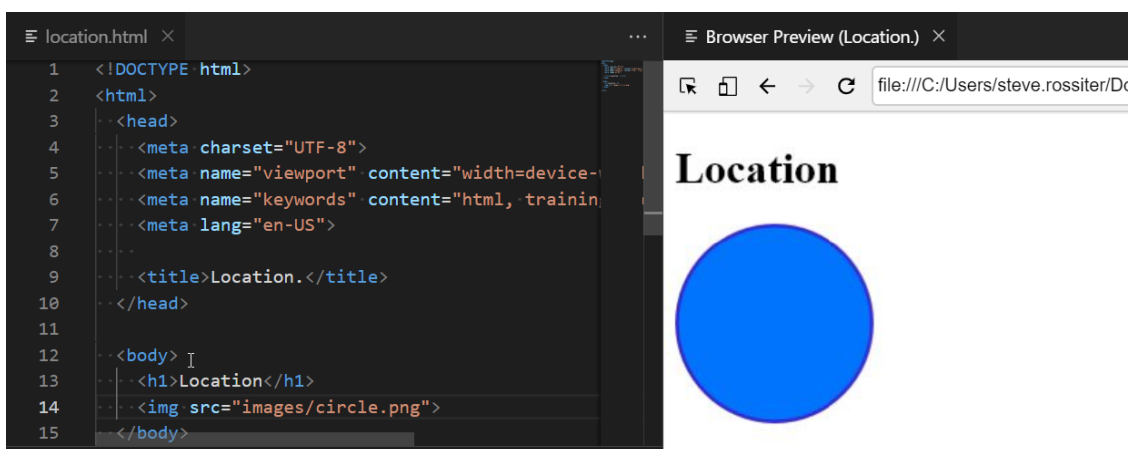
But now, let's move the circle.png out of the same folder as the html. I will create a new folder called images and place it there.

Name	Date modified	Type	Size
images	8/12/2019 2:09 PM	File folder	
location.html	8/12/2019 2:07 PM	Chrome HTML Do...	1 KB

The web page no longer displays the image, because it can no longer find the location of circle.png. A broken image icon appears instead.



To fix this, I have to let the browser know the file is in folder called images. The new code looks like this.



“images/circle.png” tells the computer: “**Look in the images folder in the current folder I’m in, and get circle.png**”

How to say it	Meaning
circle.png	Current Folder
images/circle.png	Current Folder > Images Folder
/images/circle.png	The root folder (C:\images\circle.png)
../images.circle.png	One folder above current folder > Images

Key Terms	
Lesson Files	
Additional Resources	https://www.w3schools.com/html/html_filepaths.asp
Further Learning	

LAB: Image Elements

Lesson Time: 40 Minutes

A PICTURE IS WORTH A THOUSAND WORDS.

We use the **** element to display images on our pages. The **** element **has no closing tag**. The image element has the following attribute properties.

attribute	meaning
src	source , the location of the image
alt	An alternative text to display
width	Width of the image left to right
height	Height of the image top to bottom

The **<figure>** element can be used to house an image or a drawing as well as give it a caption with the **<figcaption>** element. See the W3 school's link for the syntax of the **<figure>** element.

The **<picture>** element is an optional element. A **<picture>** element can hold multiple images and display only one based on the size of our screen

LAB Exercise:

1. Create a new html file called lab2_2.html
2. Download the blue_circle, red_circle and purple_square files from the course resources.
3. Create an images folder and place the files there.
4. Use the **** tag to display the the blue_circel and red_circel images in html.
5. Use the **<figure>** , **<figcaption>**, and **** tags to display the purple_square inside of a figure. Set the caption to say "work of art."

Extra challenge (optional)

Use the picture element to display the blue_circle when the browser window is wider than 600px, otherwise display the purple_square instead. Use the reference guide on W3 schools for help.

Key Terms	, <figure>, <picture>
Lesson Files	
Additional Resources	https://www.w3schools.com/tags/tag_figure.asp https://www.w3schools.com/html/html_images.asp https://www.w3schools.com/tags/tag_picture.asp
Further Learning	