

HTML IMAGES

BASIC SYNTAX

- In HTML, images are defined with the `` tag.
- The `` tag is empty, it contains attributes only, and does not have a closing tag.

Syntax:

```

```

IMAGE ATTRIBUTES

1.src (Source)

- Specifies the path or URL of the image file.
- This attribute is required for the image to display.

```

```

2.alt (Alternative Text)

- Provides alternative text for the image if it cannot be displayed.
- Helps with accessibility for visually impaired users using screen readers.

```

```

3. width

- Specifies the width of the image in pixels or percentages.
- Avoid distorting the image by maintaining the aspect ratio when resizing.

```

```

4. height

- Specifies the height of the image in pixels or percentages.

```

```

5.title

- Adds a tooltip that appears when you hover over the image.

```

```

- examples

- ``

- Example in visual studio

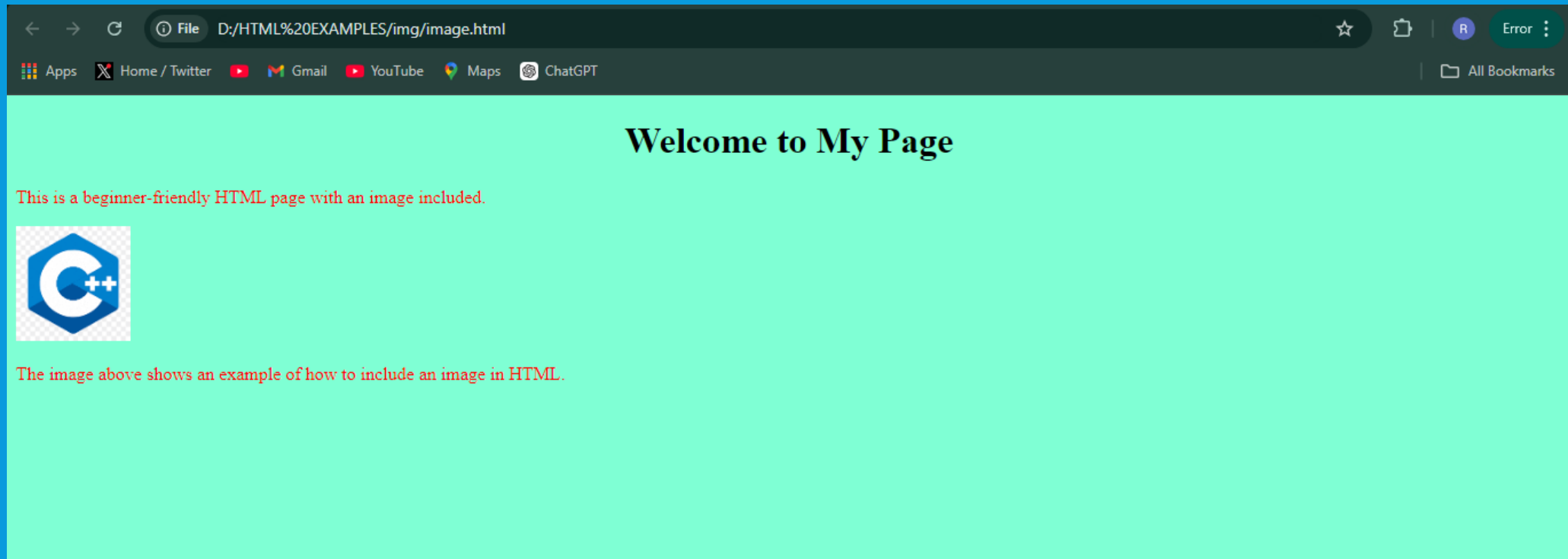
- For image that is inside the same folder with the html: `Folder>html`
`>Image`

- ``

EXAMPLE

```
D: > HTML EXAMPLES > img > <> image.html > html > head > style > body
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>My First HTML Page</title>
7      <style>
8          body{
9              background-color: aquamarine;
10         }
11         p{
12             color: red;
13         }
14         h1{
15             text-align: center;
16         }
17     </style>
18 </head>
19
20 <body>
21     <h1>Welcome to My Page</h1>
22     <p>This is a beginner-friendly HTML page with an image included.</p>
23
24     <!-- Adding an image -->
25     
26
27     <p>The image above shows an example of how to include an image in HTML.</p>
28 </body>
29 </html>
30
```

OUTPUT



- Note that the image should be inside the folder where the html is saved at

Images in Another Folder

- If not specified, the browser expects to find the image in the same folder as the web page.
- However, it is common to store images in a sub-folder. You must then include the folder name in the src attribute:
- Folder>html
 - >image folder>image

```

```


USING ABSOLUTE PATH

Images on Another Server

- Some web sites store their images on image servers.
- Actually, you can access images from any web address in the world:
- Just paste a link to an image inside the `src`
- Example

```

```

REFERENCE AN IMAGE STORED IN A DIFFERENT FOLDER

In this case lets use **project** as our Parent folder. Project is the folder that contains all the files.. Below is the structure to the location of example image and how to reference it , index.html is our html file

Image in a Subfolder

project/

|

|— index.html

|— images/

 |— example.jpg

```

```

IMAGE IN A PARENT FOLDER

- If your HTML file is in a subfolder, and the image is in the parent folder:

project/

```
|  
|— index.html  
|— subfolder/  
|   |— page.html  
|— example.jpg
```

```

```

NOTE ../ moves up one directory to the parent folder.

IMAGE IN A SIBLING FOLDER

If your HTML file is in one folder, and the image is in another sibling folder:

```
project/
|
|— index.html
|— images/
|   |— example.jpg
|— assets/
|   |— page.html
```

```

```

IMAGE IN A DEEPER SUBFOLDER

- If your HTML file is in the root folder, and the image is in a deeper subfolder:

```
project/  
|  
├── index.html  
├── images/  
│   ├── gallery/  
│   │   └── example.jpg
```

```

```