Coding HTML with NVDA -Part 6(Images)

# introduction

Hey guys what’s up its your girl Thee Quinn here, and I’m back with another video in the html series. As you guys may of realized, I have been alternating between the html series and other videos as well so I’ll keep everybody in the loop. But in today’s video I will be showing you guys how you can display images on your webpage. Sounds exciting right? Well stay tuned throughout the rest of this tutorial. But before we begin, please remember to like the video if you love the content, subscribe if you are new, and turn on my notification bell to be alerted whenever I post the next video. Also note that the instrumentals for the video have been provided by Inner Sanctum Entertainment Ltd. But without further ado, let’s get right into it.

# Start of Tutorial

Now how do you display images on a webpage you may ask. Well we can do this by using the html img tag. The html img tag is used to embed an image in a webpage. What this tag does is display whatever image is referenced in it. Note that this tag can also be used to display gifs. This tag is an empty element which means that it holds no content and it does not have an end tag. It makes use of attributes to be able to display , customize and adjust the images. The syntax for the img tag is:

<img src="url" alt="image description">

There are two fundamental attributes used in the img tag. The first one is the src attribute. This attribute is used to specify the path for the image. Now remember in my last video when we were looking at the href attribute and I told you that there are two types of urls absolute and relative urls. These are applicable in this src attribute as well.

So you can include the absolute url of an image from another website, or you can use the relative url of an image in your web folder.

The second one is the alt attribute. This is used to create an alt text for the image. This attribute is especially helpful for us screen reader users to describe the images for us. Now let’s demonstrate the use of this img tag. The first thing I am going to do is to take an image file with my logo on it and place it into my web folder. So I am going to find that image called “full\_logo.jpg” then I am going to copy it. Then I am going to navigate over to the web series folder that we had our website files in. now let’s go into our bob folder where our second page was. And copy it in there. Awesome now let’s up arrow to the second.html file and open it in notepad.

Now let’s down arrow all the way down to the body tag because remember that the only thing that will be displayed on your webpage is what is within the body tag. Now let’s go down to the line with the paragraph tag. And let’s put our image after this line of text, so let’s go to the end of this line. Then press enter, and keep consistent with our two spaces. Now let’s start typing our img tag , put a space, and then put our src attribute, equal sign and open quotes. Then let’s put the name of our image file including the file extension, so that is “full\_logo.jpg”. then end the quote, put a space and now let’s add some alt text. So we would put the alt attribute, equal sign and open quotes. Now let’s just type Thee Quinn, and end the quotes, and end the tag with the greater than sign. So you should have:

<img src="full\_logo.jpg" alt="thee quinn">

Now let’s save it and navigate back over to our bob folder. Awesome, now let’s open this second.html file in our browser. Awesome! So it displays my image on the webpage as well as it announces the alt text to us. Now you must be wondering. How do I control the size of my image when displaying it on my website? Well that is actually possible with the style attribute. This attribute allows you to specify the height and width of the image. The syntax for using this attribute is

<img src="url" alt="image description" style="width:500px;height:600px;">

So you would replace the 500 with the width that you want and the 600 with the height that you want. Of course given the fact that we are screen reader users which means that we either have low or no vision, you will probably need sighted assistance when adjusting the size of images just to make sure that they are clear, not blurry, not too big and not too small. It is also best practice to stick with the original aspect ratio of the image when resizing it.

Alright so let’s try inserting this style attribute onto our image. So let’s go over back to that second.html file. Then I am going to go to the end of the img tag, so I’ll press end to go to the end of the line. Then left arrow to go in front of the greater than sign. Then put a space and the word style. Then we would put the width and height both at 500px. This is what you should have:

<img src="full\_logo.jpg" alt="thee quinn" style="width:500px;height:500px;">

Then let’s save it and go back to our bob folder. Now let’s open it in google chrome again. Alright, and you see that the graphic is still there. And for those of you who have low vision, or if you have somebody there to help you who is sighted, you can also see that the size may have been adjusted.

But wait there is also another way in which you can change the height and width of the image. You can do this by using the height and width attributes. The syntax for these are:

<img src="url" alt="image description " width="500" height="600">

Now both the style method and this method that I just mentioned take the value for the width and height of the image in pixels. And both of them work but apparently it is recommended to use the style attribute. This is so that the size of your images will not be changed when using style sheets.

Now as I mentioned in the last video, an image can also be used as a link. To do this we would have to put the image tag inside the anchor tag. The syntax is:

<a href="website or webpage url">

<img src="image url" alt="image description" style="width:500px;height:600px;">

</a>

Awesome now let’s give this a try, so let’s go back over to our second.html file. Then let’s go in the line above the line with the img tag. Then go to the end of the line, press enter, and stay consistent with the two spaces. Then let’s put our opening anchor tag, a space, and our href attribute, equal sign and open quotes. I have my website url copied onto my clipboard so I will just paste it here. Then close the quotes and close the opening anchor tag. If you don’t know about the anchor tag, you can watch my last video in the series in which I show you how to insert links into your webpages. Now lets down arrow to the line with the image tag and go to the start of the line. And since this is within the anchor tag, I am going to indent it two more spaces in. then I’ll go to the end of the line and press enter. Keep consistent with the two spaces and write the closing anchor tag. So you should now have:

<a href="https://theequinn.vercel.app/">

<img src="full\_logo.jpg" alt="thee quinn" style="width:500;height:500;">

</a>

Awesome now let’s save this document and go back over to our bob folder. Now let’s open this page up in our browser again. There is our image, and it now says link. And if I press my enter on it, it takes me right to my website. And that is it guys basically for images. Of course there is a lot more you can do with images like aligning them, and choosing where in the text the image should be displayed and giving them borders. But all of that can be done when I start teaching you guys how to style your webpages with CSS. But these are the basics of using the img tag.

# Conclusion

Hopefully you guys have enjoyed this video and you are looking forward to more coming up in the html series. Let me know down in the comments if you knew how to use this img tag. And if you did know how to use it, if you knew how to use all the attributes that we used in it today.