**Heading**

<h1></h1>, h2, h3, h4, h5, h6

**Paragraph**

<p></p>

**Commenting**

Comments in HTML start with <!-- and end with a -->. In order to start a comment, you need to use <!-- and to end a comment, you need to use -->

**Images**

Can add images to your website by using the **img** element, and point to a specific image's URL using the **src** attribute.

An example of this would be:

<img src="https://www.freecatphotoapp.com/your-image.jpg">

Note that img elements are self-closing.

All img elements must have an alt attribute. The text inside an alt attribute is used for screen readers to improve accessibility and is displayed if the image fails to load.

Note: If the image is purely decorative, using an empty alt attribute is a best practice.

Ideally the alt attribute should not contain special characters unless needed.

**Link to External Pages with Anchor Elements**

You can use a (anchor) elements to link to content outside of your web page.

a elements need a destination web address called an href attribute. They also need anchor text. Here's an example:

<a href="https://www.freecodecamp.org">this links to freecodecamp.org</a>

**Link to Internal Sections of a Page with Anchor Elements**

a (anchor) elements can also be used to create internal links to jump to different sections within a webpage.

To create an internal link, you assign a link's href attribute to a hash symbol # plus the value of the id attribute for the element that you want to internally link to, usually further down the page. You then need to add the same id attribute to the element you are linking to. An id is an attribute that uniquely describes an element.

Below is an example of an internal anchor link and its target element:

<a href="#contacts-header">Contacts</a>

...

<h2 id="contacts-header">Contacts</h2>

**You** **can nest links within other text elements.**

<p>

Here's a <a target="\_blank" href="https://www.freecodecamp.org"> link to www.freecodecamp.org</a> for you to follow.

</p>

Dead links are created by having # as the value for the href attribute

<a> href=”#”

**Turn an Image into a Link**

You can make elements into links by nesting them within an a element.

Nest your image within an a element. Here's an example:

<a href="#"><img src="https://www.bit.ly/fcc-running-cats" alt="Three kittens running towards the camera."></a>

**Create a Bulleted Unordered List**

HTML has a special element for creating unordered lists, or bullet point style lists.

Unordered lists start with an opening <ul> element, followed by any number of <li> elements. Finally, unordered lists close with a </ul>.

For example:

<ul>

<li>milk</li>

<li>cheese</li>

</ul>

would create a bullet point style list of milk and cheese.

**Create an Ordered List**

HTML has another special element for creating ordered lists, or numbered lists.

Ordered lists start with an opening <ol> element, followed by any number of <li> elements. Finally, ordered lists are closed with the </ol> tag.

For example:

<ol>

<li>Garfield</li>

<li>Sylvester</li>

</ol>

would create a numbered list of Garfield and Sylvester.

**Create a Text Field**

Input elements are a convenient way to get input from your user.

You can create a text input like this:

<input type="text">

Note that input elements are self-closing.

**Add Placeholder Text to a Text Field**

Placeholder text is what is displayed in your input element before your user has inputted anything.

You can create placeholder text like so:

<input type="text" placeholder="this is placeholder text">

**Create a Form Element**

You can build web forms that actually submit data to a server using nothing more than pure HTML. You can do this by specifying an action attribute on your form element.

For example:

<form action="/url-where-you-want-to-submit-form-data">

<input>

</form>

**Add a Submit Button to a Form**

Let's add a submit button to your form. Clicking this button will send the data from your form to the URL you specified with your form's action attribute.

Here's an example submit button:

<button type="submit">this button submits the form</button>