Chapter 6
ADDING IMAGES

- An image can be added with the element **<img />.** It is an element with no ending tag.

- An **img** element has several attributes such as **src, width**, **height**, **title** and **alt**. Eg - ****.

- If only either the **width** or **height** are provided, then the browser automatically adjusts either parameter according to the current aspect ratio.

- The **width** and **height** of an image should always be specified since without them both being specified, a phenomenon called **Cumulative Layout Shift** may occur whereby the image's size is automatically adjusted due to the loading of some other element in the page.

- The **title** attribute provides the image title. This is visible when the mouse pointer is hovered over the image.

- The **alt** attribute contains some descriptive text describing the image in case it fails to load.

- The **loading** attribute belongs to the **<img/>** tag has 2 states: **eager** which is default and **lazy** which loads the image only after the entire page is loaded (This is called **Lazy Loading** and allows web pages to load faster).

- The **<figure>** element specifies self-contained content such as diagrams, images, illustrations, etc. The **<figcaption>** element is used to add a caption for the **<figure>** element. Both of these elements have semantic meaning.

A list of useful sites:

- loremipsum.io

- prexel.com

- pixabay.com

- canva.com

- gratisography.com

- irfanview.com

- tinypng.com