Diploma in
Web
Development

HTML elements

Working with HTML elements

Navigating web pages

Web development practical session

Objectives

Text level elements

Appear inline with the surrounding content and are known as inline elements. Text level elements change the appearance of inline content.

Text level elements

Element/Tag	Details
<a>	Marks content that acts as a hyperlink
<strong>	Formats text to appear in bold
<code>	Marks content that represents computer code
 	Represents a line break within grouping elements
<em>	Formats text to appear in italics
<u>	Underlines text
<span>	Used to add hooks to inline text
<q>	Adds quotation marks to text
<sub>	Marks text that should be treated as subscript

Grouping elements

Grouping elements are used to organise similar content in a distinct manner in which content is made uniform. The content generally shares similar characteristics.
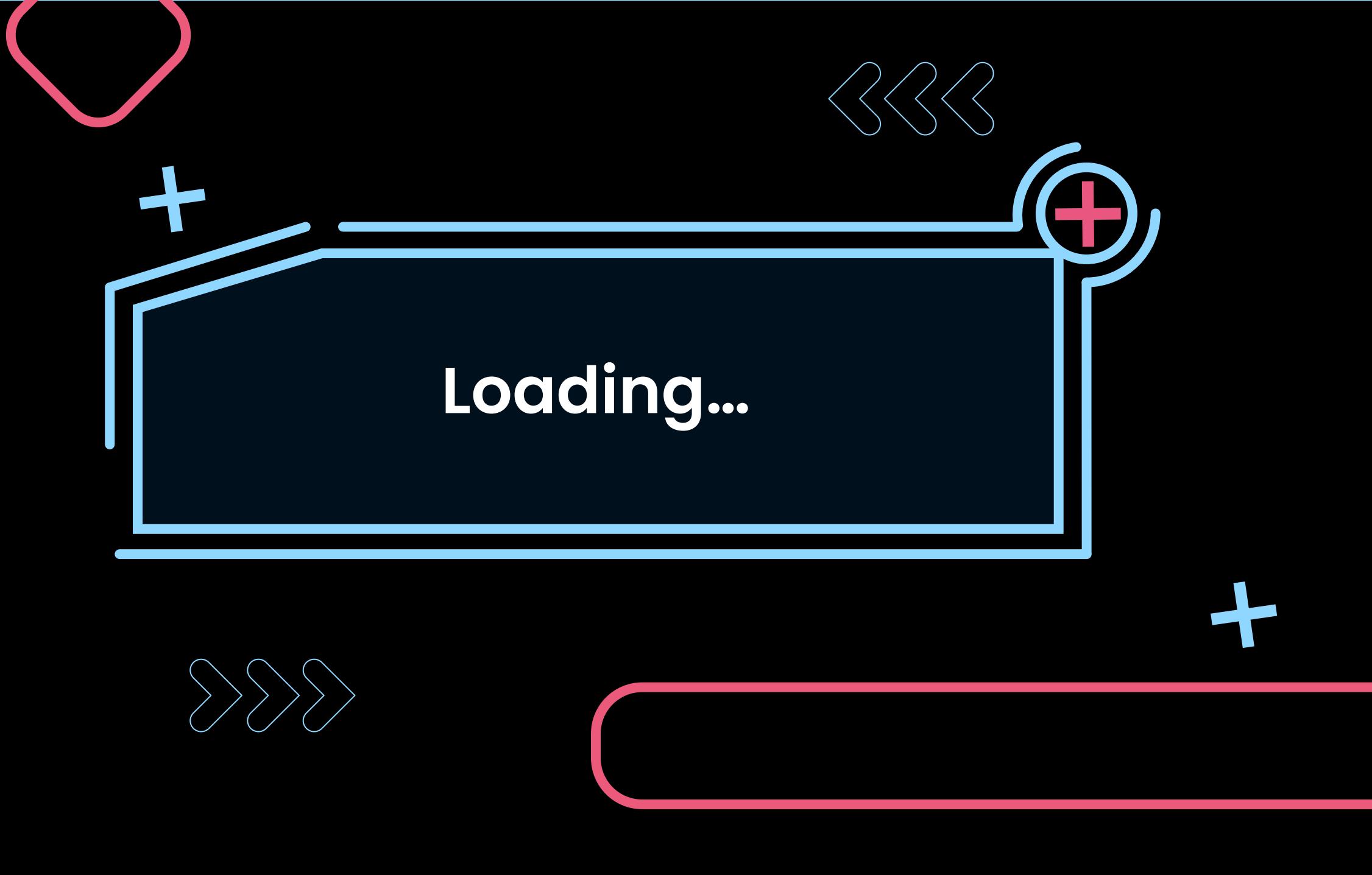
Grouping elements

Element/Tag	Details
<blockquote>	Adds quotation marks and indentation to content
<div>	Contains a generic grouping of elements within the document
<hr>	Adds a line break by adding horizontal line between content
	Contains ordered list of items
	Contains unordered list of items
	Contains a single item from a list
<nav>	Marks a list of hypertext or navigation links
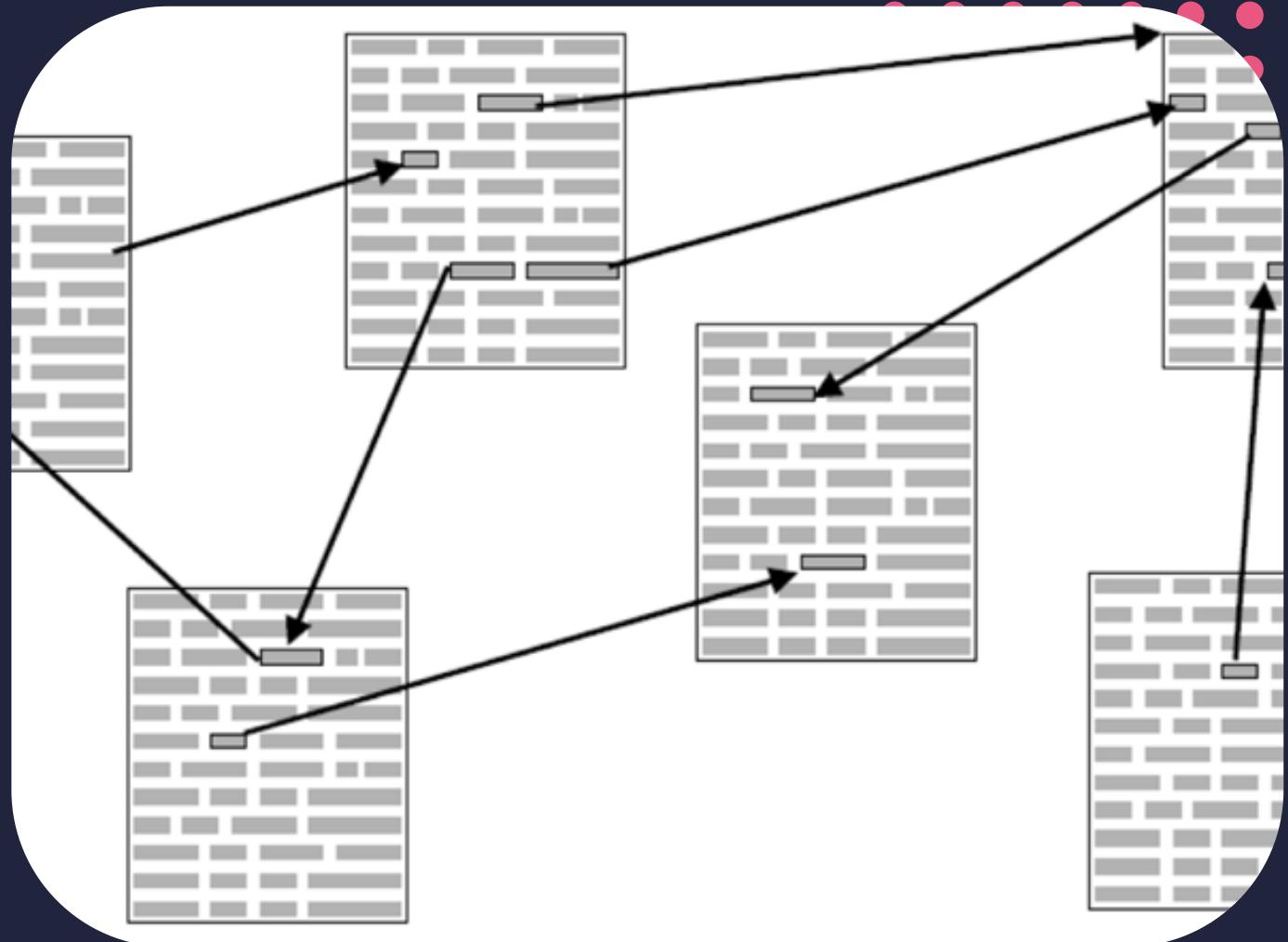
Loading...

Hypertext in HTML

Hypertext is created using the <a> tag in combination with the href="url" attribute, where URL is the address or location users are redirected to, usually to another web page.

Navigation and hyperlinking

A navigation system is a section of a graphical user interface intended to aid visitors in accessing information. Navigation uses hyperlinking to allow users to navigate between web pages.

Navigation and hyperlinking

- The <nav> tag defines a set of navigation links.

- Often used with an unordered list <ul> and href attribute

- When developing a website locally, is file path sensitive

```html
<nav>
    <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="#">Learn Code</a></li>
        <li><a href="#">Excercises</a></li>
        <li><a href="#">Register</a></li>
    </ul>
</nav>
```
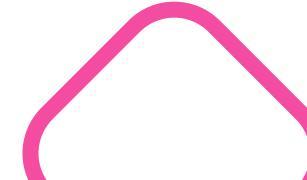
Adding comments in HTML
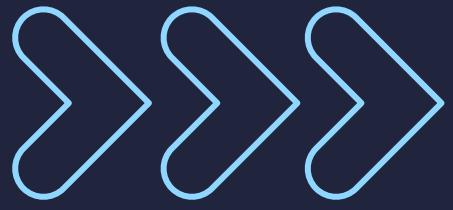
A comment is a descriptive text added to the HTML document that does not render in the browser.

- Used to insert comments in source code.

- Enables developer to explain code.

- To include comments in source code use the following notation.

    <!--- comment here -->

```html
<nav>
    <ul>
        <!--This is a navigation system with 4 hyperlinks-->
        <li><a href="index.html">Home</a></li>
        <li><a href="#">Learn Code</a></li>
        <li><a href="#">Excercises</a></li>
        <li><a href="#">Register</a></li>
    </ul>
</nav>
```

Let's code!