



HTML BASICS

SESSION 2: INTRODUCTION TO HTML


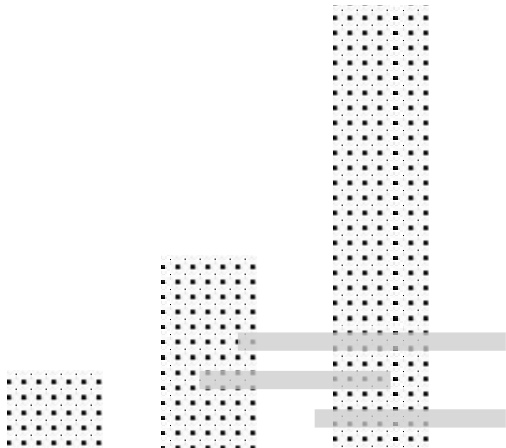
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Introduction to HTML

- HTML stands for Hyper Text **Markup** Language.
- Markup languages use command called **tags** for structuring, formatting, annotating text or data, and linking files on the web.
- HTML is the standard markup language for web pages.
- It has a simple syntax and easy to learn for complete beginners.



VERSIONS OF HTML

- HTML 1-4
 - XHTML
 - HTML 5
- 
- 

HTML SYNTAX & STRUCTURE



Example: Simple HTML Page

//

```
<!DOCTYPE html>
<html>
<head>
  <title>Page Title</title>
</head>
<body>
  <!-- This is a comment -->
  <h1>This is a Heading</h1>
  <p>This is a paragraph with a <strong>bold</strong> and
  <i>italics</i> texts.</p>
</body>
</html>
```

//

HTML Elements

- HTML Elements are commands for formatting and structuring text or data.
- They are defined by a start tag, content, and an end tag
- Learn about more HTML elements on W3Schools: <https://www.w3schools.com/tags/default.asp>

HTML Attributes

- HTML Attributes provide additional information about an element
- They are used to style the content of an element

Example:

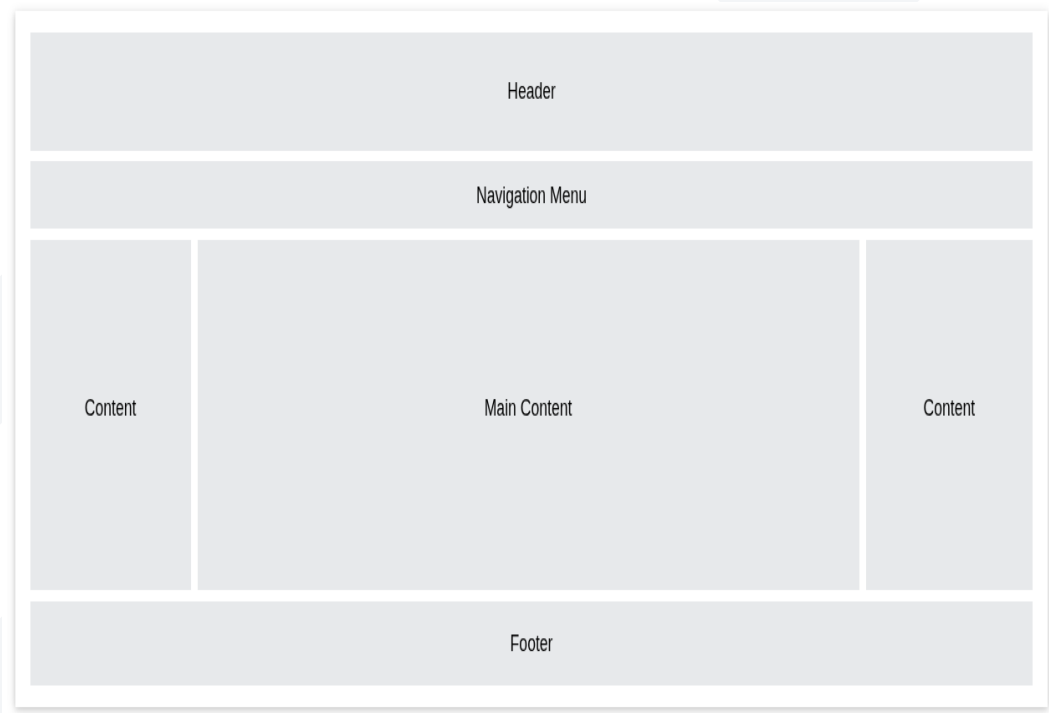
```

```

Comments

- Comment is a piece of text used to explain your code.
- HTML Comments are not displayed in the browser.

HTML LAYOUTS



DIV & SPAN

- The `<div>` element is used as a container, to group other HTML elements of a web page.
- The `` element is used to style a group of text inside another element.

HTML Layout Elements

<header> - Defines a header for a document or a section

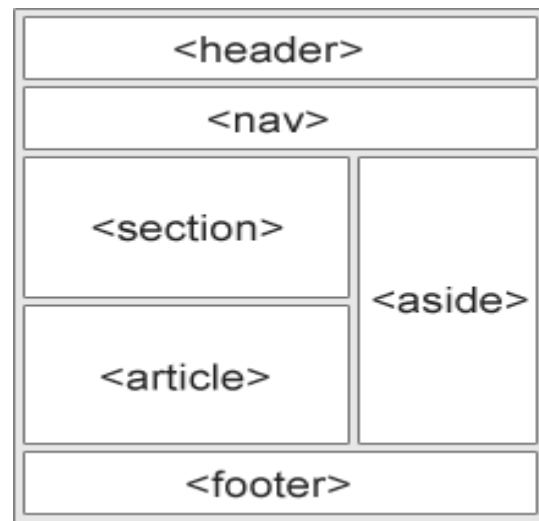
<nav> - Defines a set of navigation links

<section> - Defines a section in a document

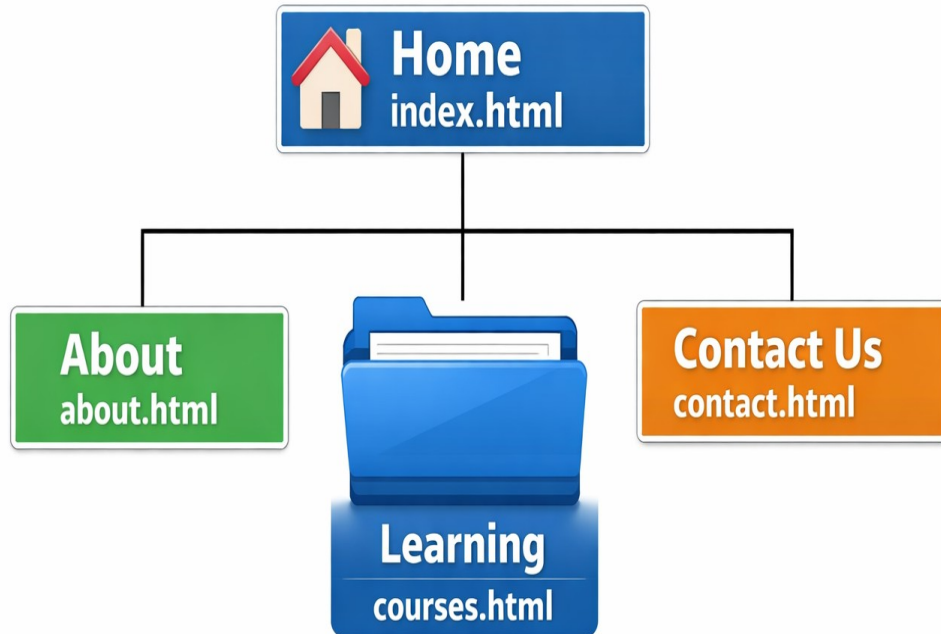
<article> - Defines independent, self-contained content

<aside> - Defines content aside from the content (like a sidebar)

<footer> - Defines a footer for a document or a section



PAGES & NAVIGATION



HTML Links

- HTML links are called hyperlinks.
- They allow users to navigate from one page to another.

Example: Internal & External Links

//

```
<!DOCTYPE html>
<html>
<head>
  <title>Page Title</title>
</head>
<body>
```

```
<a href="contact.html">Contact Us</a>
```

```
<a href="https://bahaushiya.net"
target="_blank">Visit Bahaushiya</a>
```

```
</body>
</html>
```

//

Web Forms

Name:

Email:

Message:

Send Message



HTML Forms

- HTML forms are elements (<form>) in a web page used to collect user input through various controls like text fields, checkboxes, radio buttons, and buttons.
- The user input is most often sent to a server for processing, via methods such as GET or POST.

Example: Contact Form

//

```
<!DOCTYPE html>
<html>
<head>
  <title>Contact Form</title>
</head>
<body>

  <h2>Contact Us</h2>

  <form action="submit_form.php" method="post">
    <!-- Name field -->
    <label for="name">Name:</label><br>
    <input type="text" id="name" name="name" placeholder="Your name" required><br><br>

    <!-- Email field -->
    <label for="email">Email:</label><br>
    <input type="email" id="email" name="email" placeholder="Your email" required><br><br>

    <!-- Message field -->
    <label for="message">Message:</label><br>
    <textarea id="message" name="message" placeholder="Your message" rows="5" required></textarea><br><br>

    <!-- Submit button -->
    <input type="submit" value="Send Message">
  </form>

</body>
</html>
```

//



