**Web Intruders**

**Lecture no 1 (notes)**

**Html introduction:**

* HTML is the standard markup language for Web pages.
* With HTML you can create your own website.

<!DOCTYPE html>

* This is the document type declaration. It tells the web browser that the document is an HTML document.

<html>

* This is the root element of the HTML document. It wraps all the content on the page.

<head>

* This is the head section of the HTML document. It contains meta-information about the document such as the title, links to stylesheets, scripts, and other meta tags.

<title>Page Title</title>

* This is the title element. It defines the title of the document, which appears in the browser's title bar or tab.

</head>

* This is the closing tag for the head section.

<body>

* This is the body section of the HTML document. It contains the content that is displayed in the browser window.

<h1>This is a Heading</h1>

1. **<h1>**

* This is a heading element. It defines a top-level heading on the page.
* In this case, it's the largest heading, denoted by **<h1>**

1. **<h2>**

* Used for section headings, subheadings, or major divisions within the content
* Renders text with a slightly smaller font size compared to **<h1>**.

1. **<h3>**

* Used for subsection headings or further divisions within the content.
* Renders text with a smaller font size compared to **<h2>**.

1. **<h4>**

* Used for headings within subsections, providing additional organization and hierarchy.
* Renders text with a smaller font size compared to **<h3>**

1. **<h5>**

* Used for less significant headings, often within deeply nested sections of content.
* Renders text with a smaller font size compared to **<h4>**.

1. **<h6>**

* Represents the lowest level of heading, used for minor headings or headings with the least importance.
* Renders text with the smallest font size among headings.

p>This is a paragraph. </p>

* This is a paragraph element. It defines a paragraph of text on the page.

</body>

* This is the closing tag for the body section.

</html>

* This is the closing tag for the HTML document.

<br> (break tag)

* Function: It inserts a line break within a text element or a block-level element, forcing the content after the **<br>** tag to start on a new line.

<hr> (horizontal rule)

* Function: It inserts a horizontal line across the width of its containing element, typically to visually separate sections of content.