**WEB DEVELOPMENT NOTES**

1. **HTML**

**1. HTML Element:**

1. An HTML element is a building block of a web page. It typically consists of a start tag, content (optional), and an end tag. The element defines the structure and content of a webpage.

Eg: <p>, <h>, <img>, <html>, <body>, <h1>,<a>

### 2. ****HTML Attribute:****

An HTML attribute provides **additional information about an element**. Attributes are **specified within the start tag** and usually consist of a **name-value pair**. They modify the behavior or appearance of the element.

Eg: href, img,

**BASIC CODE**

<!DOCTYPE html>: emmet(a set of plugins) allowing high speed coding in html,xml,xsl  
<html>

<Head>

<Title>Your Title </title>

</head>  
<body>  
  
<h1>My First Heading</h1>  
<p>My first paragraph.</p>  
  
</body>  
</html>

The <html> element is the root element and it defines the whole HTML document.

The <body> element defines the document's body.

The <h1> element defines a heading

The <p> element defines a paragraph.

HTML elements with no content are called **empty elements.**

The <br> tag defines a line break, and is an empty element without a closing tag: