# Chapter 01

## Basics
### of
### HTML
### Hyper Text Markup Language

# Chap 01: Introduction to HTML

- **Introduction to HTML**

- **HTML Editors**

- **HTML Basic Structure**

- **HTML Tags**

- **HTML Attributes**

- **HTML Headings and Paragraph**

- **HTML Comments**

- **HTML Quotations**

# Introduction to HTML

## What is HTML?

- HTML stands for Hyper Text Markup Language

- InventorTim Berners-Lee in 1993

- Used to create web pages, website, web structure, web layout

- Work with tags (</>)

- To write headings and paragraphs with formatting, inserting images, videos, audios, creating layout of website etc can be achieved by HTML

# Introduction to HTML

**Example**:

&lt;!DOCTYPE html&gt;

&lt;html&gt;

&lt;head&gt;

  &lt;title&gt;Website title&lt;/title&gt;

&lt;/head&gt;

&lt;body&gt;

&lt;h1&gt;Heading… JafriCode&lt;/h1&gt;

&lt;p&gt;Paragraph..JafriCode is the website, you can learn Web Designing&lt;/p&gt;

&lt;/body&gt;

  &lt;/html&gt;

**Result:**

Heading… JafriCode

Paragraph..JafriCode is the website, you can learn Web Designing

# HTML Editors

## HTML Editors

To write HTML Coding, we have to use a specific editor, in which we write HTML Code.

## Examples:

- Notepad
- Notepad++
- Sublime Text 3
- Visual studio code
- Dreamweaver

# HTML Basic Structure

```
<!DOCTYPE html>
<html>
        <head>
                <title>Page Title</title>
        </head>
        <body>
                <h1>It show a heading</h1>
                <p>It show a paragraph.</p>
        </body>
</html>
```

# HTML Tags

**HTML Tag:**

Tags are specific way to write HTML elements to display required result

its is keyword containing < /> symbols.

**Two types of HTML tag**

- Pair tag
- Unpaired tag

Pair Tag:

<h1></h1>, <p></p>

Unpaired Tags:

<img/>, <hr/>, <br/>

# HTML Elements

**What is an HTML Element?**

HTML tag show a HTML element

Element start from starting tag and end with at ending tag

**Start tag ------------------Element content --------------- End tag**

For example h1, h2, p, img, etc.

\<h2\>It is the Element content\</h2\>

In the above line of code, \<h2\> is the start tag, \</h2\> is the end tag and "It is the Element content" is the content

# HTML Elements

**Nested Elements**

<!DOCTYPE html>
<html>
    <head>
        <title>Page Title</title>
    </head>
    <body>
        <h1>It show a heading</h1>
        <p>It show a paragraph.</p>
    </body>
</html>

# HTML Source Code

**How to View HTML Source?**

Two methods to see source code:

- Ctrl + u
- Right click on blank area, select view page source from the menu

# HTML Attributes

## HTML Attributes

Attribute give more information about Element, for example to give color, font size, font style, to heading.

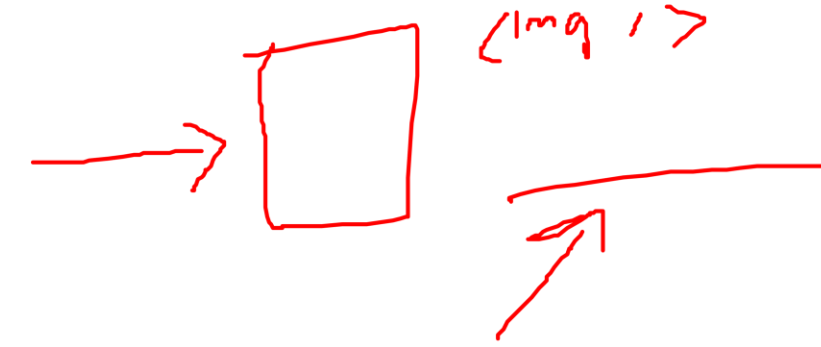Attribute have attribute name and its value:

## Example

<h1 attribute_name:"attribute value">How are you!</h1>

## Examples:

bgcolor,  background ,width, height , dir, src, alt, style, title

# HTML Headings

**HTML Headings:**

- To create heading in your article, use heading tag

- It help to create SEO friendly heading

- We can use heading and sub headings in the article

- It is the block level element

- Every heading will start from new line

**Examples:**

<h1>JafriCode1</h1>

<h2>JafriCode2</h2>

<h3>JafriCode3</h3>

<h4>JafriCode4</h4>

<h5>JafriCode5</h5>

<h6>JafriCode6</h6>

# HTML Paragraph

**HTML Paragraph:**
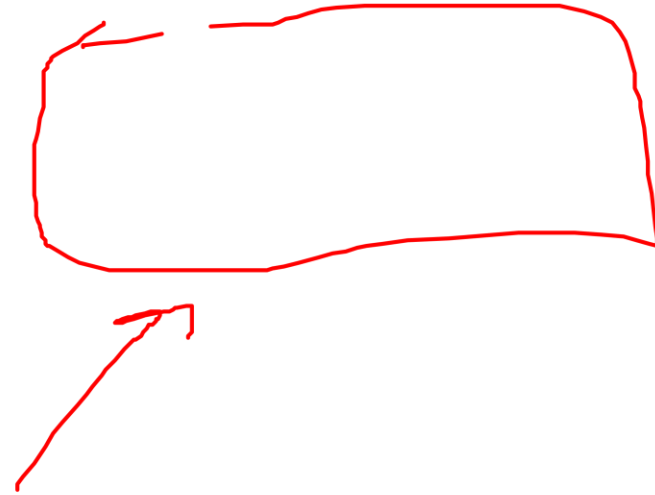
- <p>…..</p>

- New Line

- Block Level Element

- Top Bottom Margin

- Ignore extra spaces

<p>JafriCode is the Best platform to learn Web related Tutorials</p>

# HTML Comments

## HTML Comments

- Not display on the browser
- For the developer not for the user
- To write extra about code
- To give extra information about the code

## HTML Comments Syntax

Syntax:

<!-- Write your comments here -->

# HTML Quotations

**HTML Quotations tags**

<blockquote> and <q>


<blockquote> used to quote a section

<q> used to give quotation to string