



WELCOME

HTML(HYPER TEXT MARKUP LANGUAGE)

Language of web pages



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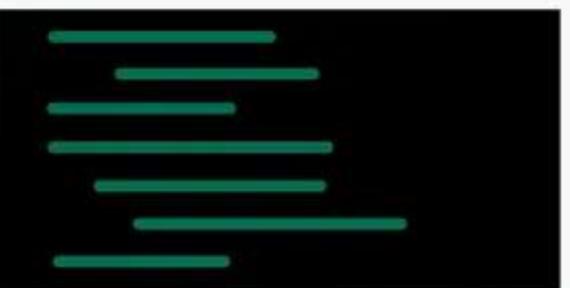


INTRODUCTION TO HTML

- With **HTML** you can create your **own Web site**.
- HTML stands for **Hyper Text Markup Language**.
- HTML is not a programming language, it is a **Markup Language**.
- A markup language is a set of **markup tags**.
- HTML uses **markup tags** to describe web pages.
- HTML is **not case sensitive language**.
- HTML documents **contain HTML tags** and plain text.

HTML ELEMENTS AND TAGS

- A tag is always enclosed in angle bracket
<>like <HTML>
- HTML tags normally come in pairs like
<HTML> and </HTML> i.e.
 Start tag = <HTML>
 End tag = </HTML>
- Start and end tags are also called opening
 tags and closing tags



HOW TO START



- Write html code in notepad.
- Save the file with (.Html)/(.Htm) extension.
- View the page in any web browser viz.
INTERNET EXPLORER, NETSCAPE
NAVIGATOR etc.
- The purpose of a web browser (like internet explorer or firefox) is to read html documents and display them as web pages.



Code With HTML

```
<HTML>
<HEAD>
<TITLE>
MY FIRST PAGE
</TITLE>
</HEAD>
<BODY>
GLOBAL INFORMATION CHANNEL
</BODY>
</HTML>
```



BASIC BUILDING BLOCK OF HTML

- <HTML> - Describe HTML web page that is to be viewed by a web browser.
- <HEAD> - This defines the header section of the page.
- <TITLE> - This shows a caption in the title bar of the page.
- <BODY> - This tag show contents of the web page will be displayed.

Types of HTML Tags

There are two different types of tags:->

Container Element:->

Container Tags contains **start tag & end tag** i.e.

`<HTML>... </HTML>`

Empty Element:->

Empty Tags contains **start tag** i.e.

`
`

Text formatting tags

Heading Element:->

- There are six heading elements (`<H1>`,`<H2>`,`<H3>`,`<H4>`, `<H5>`,`<H6>`).
- All the six heading elements are container tag and requires a closing tag.
- `<h1>` will print the largest heading
- `<h6>` will print the smallest heading

Heading Tag Code



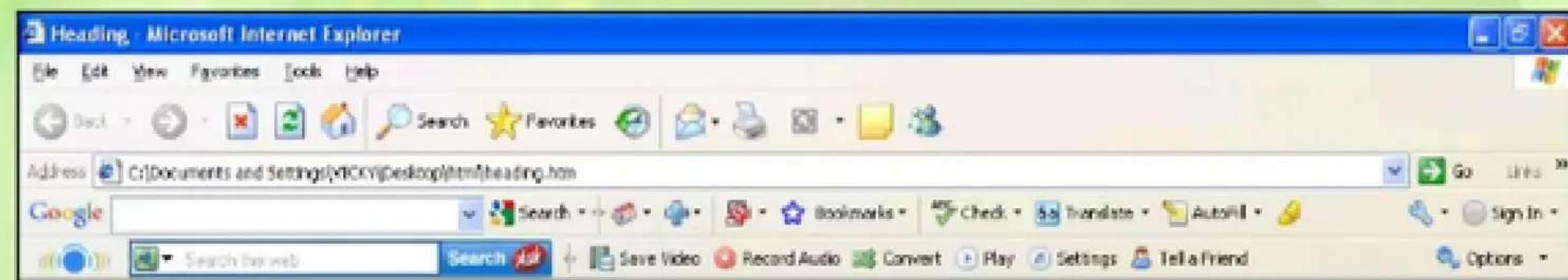
```
<html>
<title>heading</title>
<body>
<h1> GLOBAL INFO CHANNEL</h1>
<h2> GLOBAL INFO CHANNEL</h2>
<h3> GLOBAL INFO CHANNEL</h3>
<h4> GLOBAL INFO CHANNEL</h4>
<h5> GLOBAL INFO CHANNEL</h5>
<h6> GLOBAL INFO CHANNEL</h6>
</body>
</html>
```

```
element.clientHeight + 0.02 * w);
window.scroll(0, scrollHeight);

}

(function() {
function a_setFocus() {
var form = null;
i
```

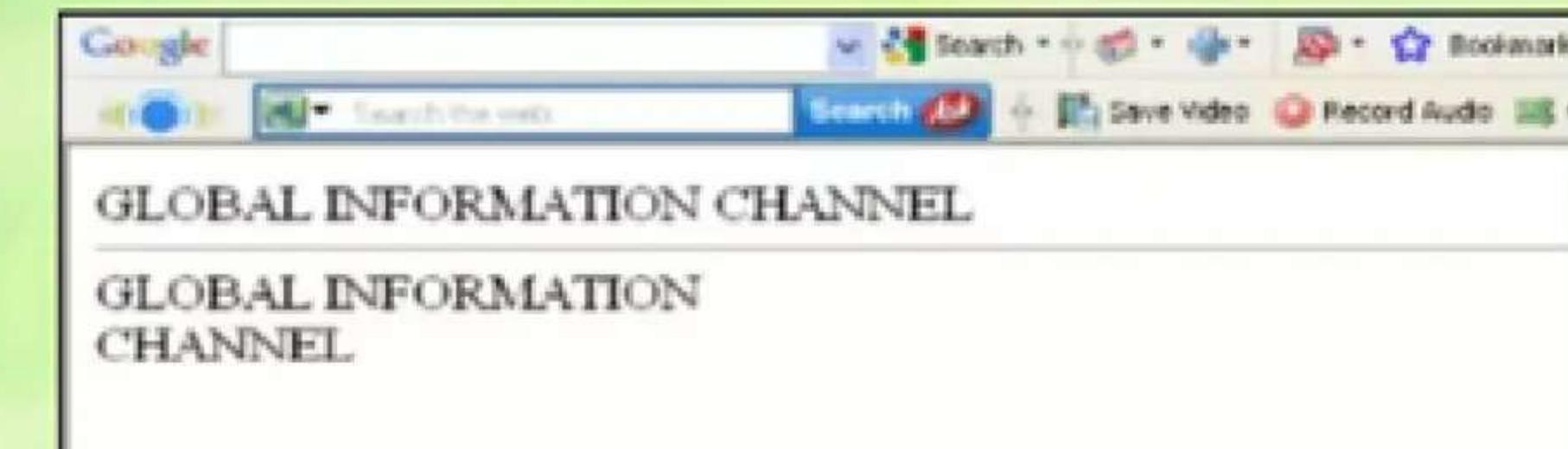
Result of Heading Code



GLOBAL INFO CHANNEL

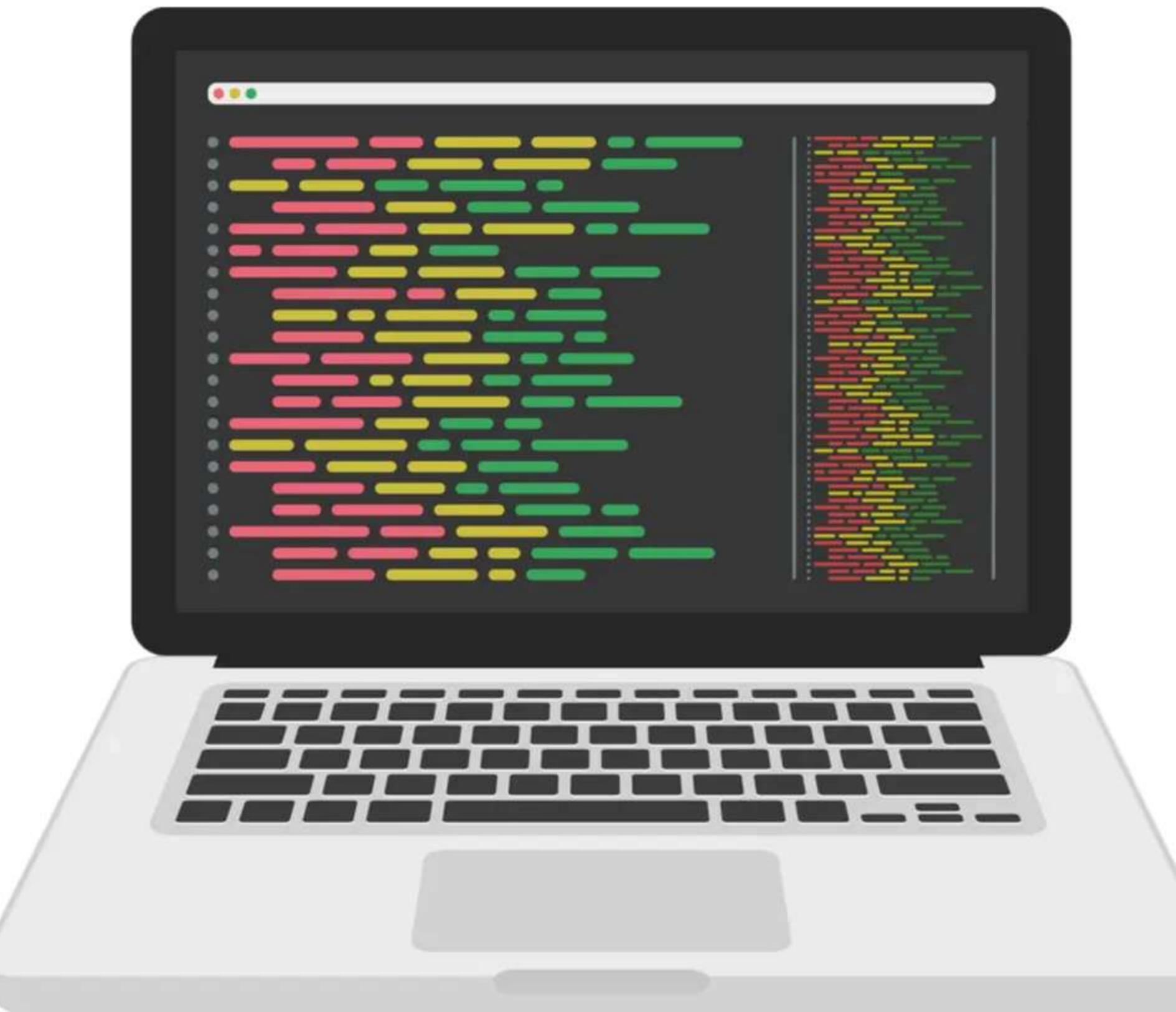
Line Break & Horizontal Line Tag

- if you want a line break or a new line without starting a new paragraph Use the `
` tag.
 - Defines a horizontal line use `<hr>` tag.
-
- `
` `<hr>` element are empty HTML element i.e. Global Information Channel`<hr>`
Global Information `
` Channel



TEXT FORMATTING TAGS

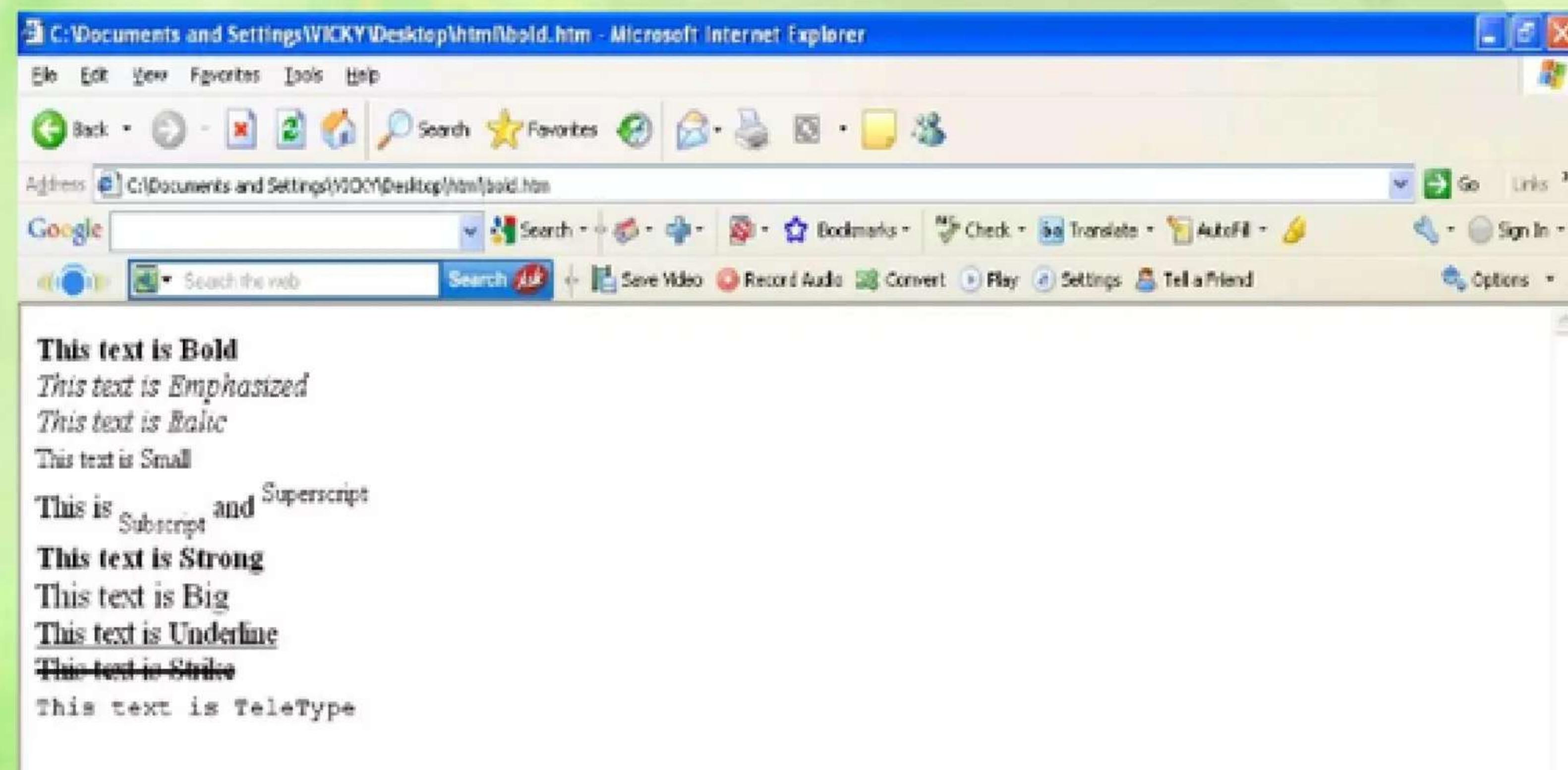
	Defines bold text
<big>	Defines big text
	Defines emphasized text
<i>	Defines italic text
<small>	Defines small text
	Defines strong text
<sub>	Defines subscripted text
<super>	Defines superscripted text
<ins>	Defines inserted text
	Defines deleted text
<tt>	Defines teletype text
<u>	Defines underline text
<strike>	Defines strike text



Text formatting code

```
<html>
<head></head>
<body>
<b>This text is Bold</b>
<br><em>This text is Emphasized</em>
<br><i>This text is Italic</i>
<br><small>This text is Small</small>
<br>This is<sub> Subscript</sub> and
<sup>Superscript</sup>
<br><strong>This text is Strong</strong>
<br><big>This text is Big</big>
<br><u>This text is Underline</u>
<br><strike>This text is Strike</strike>
<br><tt>This text is Teletype</tt>
</body>
</html>
```

Result of Text Formatting Code



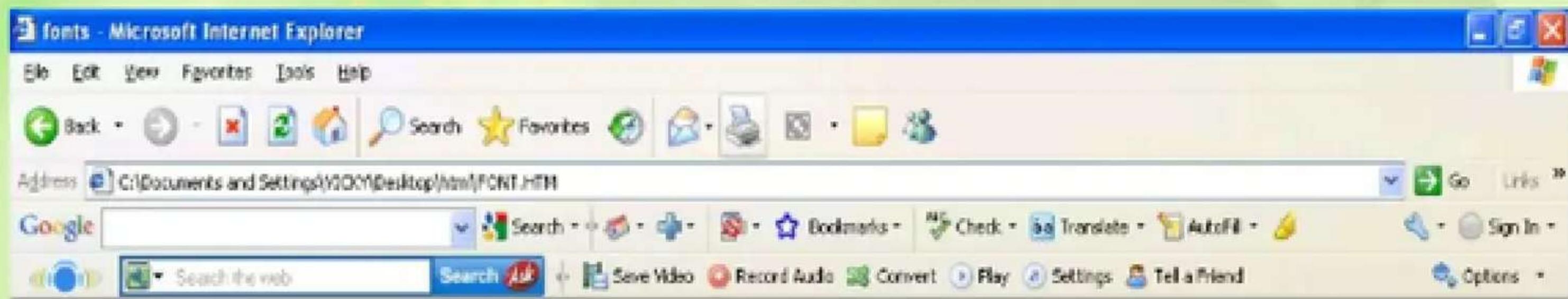
Font Tag

- This element is used to format the size, typeface and color of the enclosed text.
- The commonly used fonts for web pages are Arial, Comic Sans MS , Lucida Sans Unicode, Arial Black, Courier New, Times New Roman, Arial Narrow, Impact, Verdana.
- The size attribute in font tag takes values from 1 to 7.

Font tag code

```
<html>
<head><title> fonts</title></head>
<body>
<br><font color="green" size="7" face="Arial"> GLOBAL INFORMATION CHANNEL </font>
<br><font color="green" size="6" face="Comic Sans MS"> GLOBAL INFORMATION CHANNEL
</font>
<br><font color="green" size="5" face="Lucida Sans Unicode"> GLOBAL INFORMATION CHANNEL
</font>
<br><font color="green" size="4" face="Courier New"> GLOBAL INFORMATION CHANNEL </font>
<br><font color="green" size="3" face="Times New Roman"> GLOBAL INFORMATION CHANNEL
</font>
<br><font color="green" size="2" face="Arial Black"> GLOBAL INFORMATION CHANNEL </font>
<br><font color="green" size="1" face="Impact"> GLOBAL INFORMATION CHANNEL </font>
</body>
<html>
```

Result of Font Code



GLOBAL INFORMATION CHANNEL
GLOBAL INFORMATION CHANNEL

Background & Text Color Tag

- The attribute bgcolor is used for changing the background color of the page.

```
<body bgcolor="Green" >
```

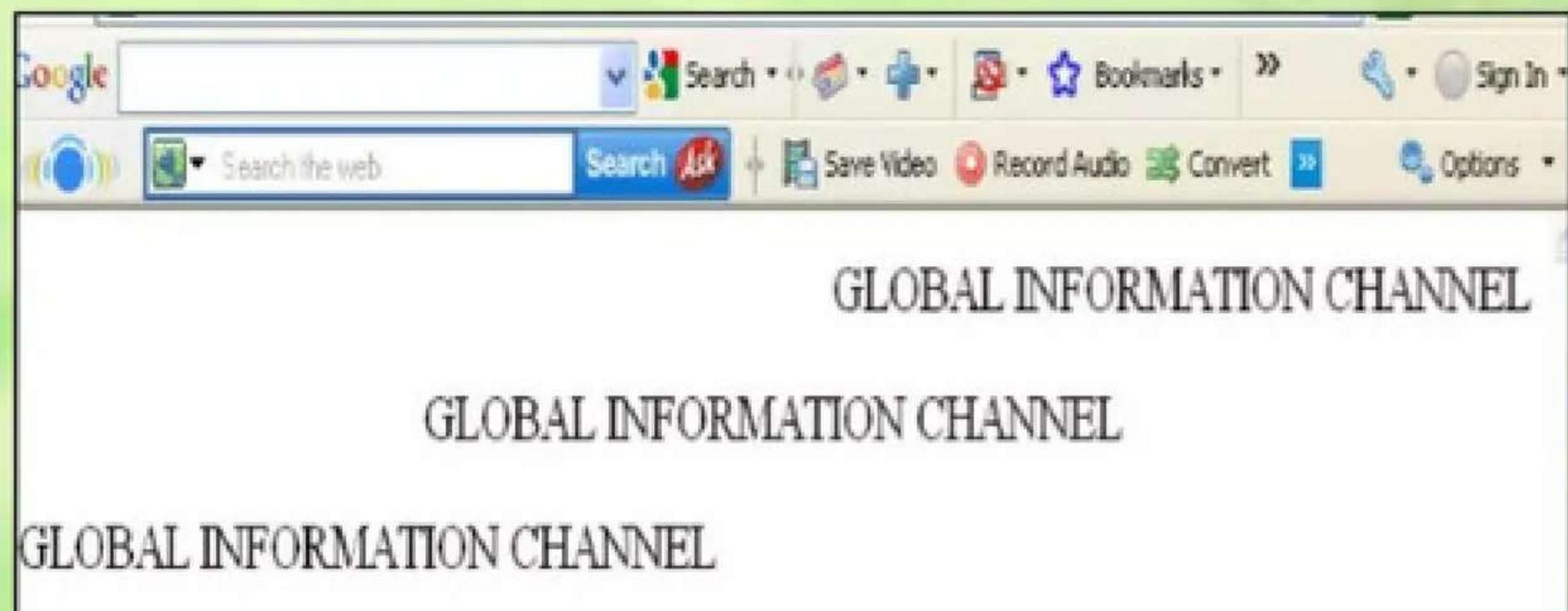
- Text is used to change the color of the enclosed text.

```
<body text="White">
```



Text Alignment Tag

- It is used to align the text.
 1. Left alignment <align="left">
 2. Right alignment <align="right">
 3. Center alignment <align="center">



Hyperlink tag



- A hyperlink is a reference (an address) to a resource on the web.
- Hyperlinks can point to any resource on the web: an HTML page, an image, a sound file, a movie, etc.
- The HTML anchor element `<a>`, is used to define both hyperlinks and anchors.
`Link text`
- The href attribute defines the link address.
`Visit globalinfochannel!`



Result of Hyperlink code



GLOBAL INFORMATION CHANNEL

Search Blog At Google

http://www.globalinfochannel.com

QUESTION PAPER OF CS10 Software Engineering June-2002

QUESTION PAPER OF CS10 Software Engineering June-2002

GlobalInfoChannel

Google Search Bookmarks

Search the web Search Save Video Record Audio

Visit [globalinfochannel!](#)



IMAGE TAG

- To display an image on a page, you need to use the **src** attribute.
 - **src** stands for “source”. The value of the **src** attribute is the URL of the image you want to display on your page.
 - It is a **empty tag**.
- ```


```



# IMAGE ATTRIBUTES - <IMG> TAG

<b>&lt;img&gt;</b>	Defines an image
<b>&lt;Src&gt;</b>	display an image on a page, Src stands for "source";
<b>&lt;Alt&gt;</b>	Define "alternate text" for an image
<b>&lt;Width&gt;</b>	Defines the width of the image
<b>&lt;Height&gt;</b>	Defines the height of the image
<b>&lt;Border&gt;</b>	Defines border of the image
<b>&lt;Hspace&gt;</b>	Horizontal space of the image
<b>&lt;Vspace&gt;</b>	Vertical space of the image
<b>&lt;Align&gt;</b>	Align an image within the text
<b>&lt;background&gt;</b>	Add a background image to an HTML page

# Project 1st

```
<!DOCTYPE html>
<head>
 <title>Simple Form</title>
</head>
<body>
 <h1>Form Project </h1>
 <label for="name">Name:</label>
 <input type="text" id="name" name="name">

 <label for="email">Email:</label>
 <input type="email" id="email" name="email">

 <label for="password">Password:</label>
 <input type="password" id="password" name="password">

 <label>Gender:</label>
 <input type="radio" id="male" name="gender" value="male">
 <label for="male">Male</label>
 <input type="radio" id="female" name="gender" value="female">
 <label for="female">Female</label>

 <label for="message">Message:</label>
 <textarea id="message" name="message" rows="4" required></textarea>

 <input type="submit" value="Submit">
</form>
</body>
</html>
```

# Output

The screenshot shows a web browser window with the title bar "Simple Form". The address bar indicates the file is located at "C:/Users/HP/OneDrive/Documents/form.html". The main content area displays a form titled "Form Project". The form includes fields for Name (text input), Email (text input), Password (text input), Gender (radio buttons for Male and Female, with Male selected), and a large Message area (text area). A "Submit" button is at the bottom.

Simple Form

File | C:/Users/HP/OneDrive/Documents/form.html

## Form Project

Name:

Email:

Password:

Gender:  Male  Female

Message:

Submit

# Project 2nd

```
<!DOCTYPE html>
<head>
<title>Table project</title>
</head>
<body>
 <h1>project no.2</h1>
 <h2>Student Information</h2>
 <table border="1">
 <thead>
 <tr>
 <th>ID</th>
 <th>Name</th>
 <th>Age</th>
 <th>Grade</th>
 </tr>
 </thead>
 <tbody>
 <tr>
 <td>1</td>
 <td>vinayak sahu</td>
 <td>19</td>
 <td>A</td>
 </tr>
 <tr>
 <td>2</td>
 <td>Abhishek maddhesiya</td>
 <td>22</td>
 <td>B</td>
 </tr>
 </tbody>
 </table>
</body>
</html>
```

# Output

The screenshot shows a web browser window with the following details:

- Title Bar:** Shows icons for file operations (New, Open, Save), the title "Table project", a close button ("x"), and a plus sign button ("+").
- Address Bar:** Displays a back arrow, a refresh/circular arrow icon, an info icon, "File", the path "C:/Users/HP/OneDrive/Doc...", a speaker icon, a star icon, and a brackets icon.
- Main Content Area:**
  - Section Header:** "Table project" in large, bold, dark blue font.
  - Section Subtitle:** "Student Information" in bold, dark blue font.
  - Table:** A data table with the following structure:

ID	Name	Age	Grade
1	vinayak sahu	19	A
2	Abhishek maddhesiya	22	B

# CONCLUSION

HTML 5 is the next version of Hyper Text Markup Language. It is developing by world wide web consortium. Web is the commonly used medium to share and network nowadays. But for more advanced features companies are building their own software. So it reduces the openness and platform independence of the web technology. Aim of the HTML5 to make a common platform for web with more advanced features like audio, video etc.

THANK YOU!





# CERTIFICATE OF COMPLETION

Presented to

**Abhishek Maddhesiya**

For successfully completing a free online course

**HTML in Hindi**

Provided by

**Great Learning Academy**

(On October 2023)