The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic feel.

INTRODUCTION

IN I K O D N C I I O N I

TO HTML

I O U I W F

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.



WEB DEVELOPMENT

@codewamir

CLIENT SIDE

HTML (STRUCTURE)
CSS (DESIGNING)
BOOTSTRAP
JAVASCRIPT
REACT.JS
JQUERY

FRONT END

SERVER SIDE

PYTHON
PHP
NODE.JS
DJANGO
MYSQL
ASP.NET
JAVA AND JSP

BACK END

FULL STACK DEVELOPMENT



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>
```



Explain these tags

- **<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**

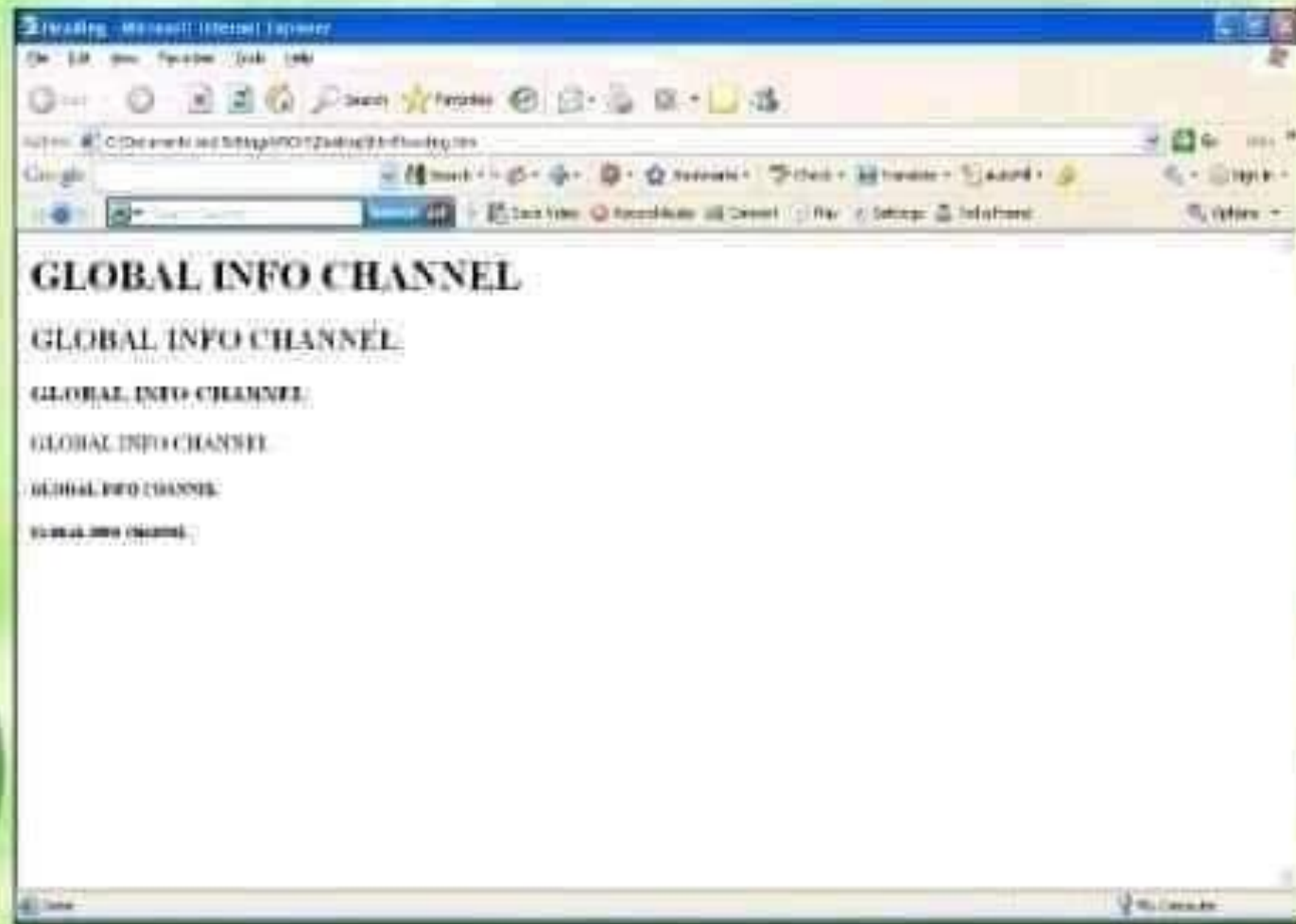


Heading Tag Code

```
<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>
```



Result of Heading Code



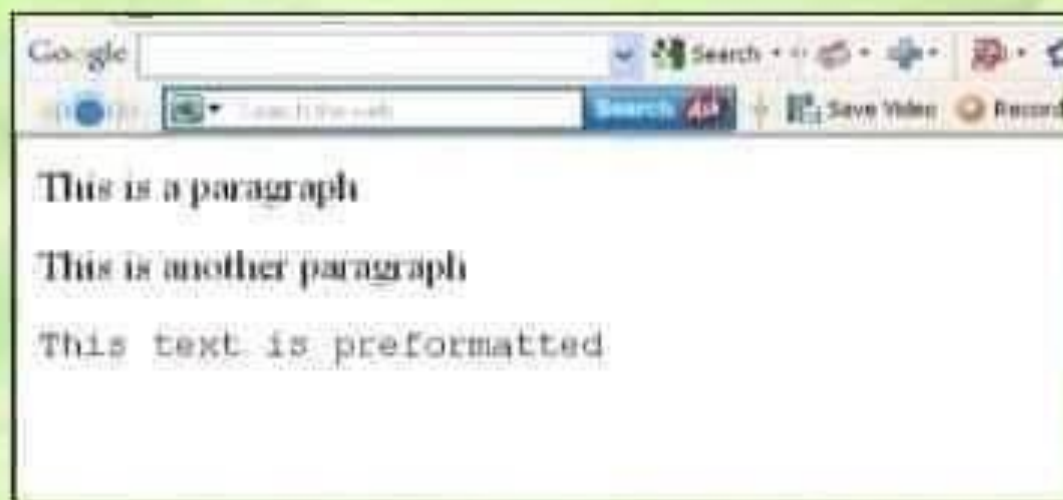
HTML Paragraph Tag

- HTML documents are divided into paragraphs.
- Paragraphs are defined with the **<p>** tag i.e.

`<p>This is a paragraph</p>`

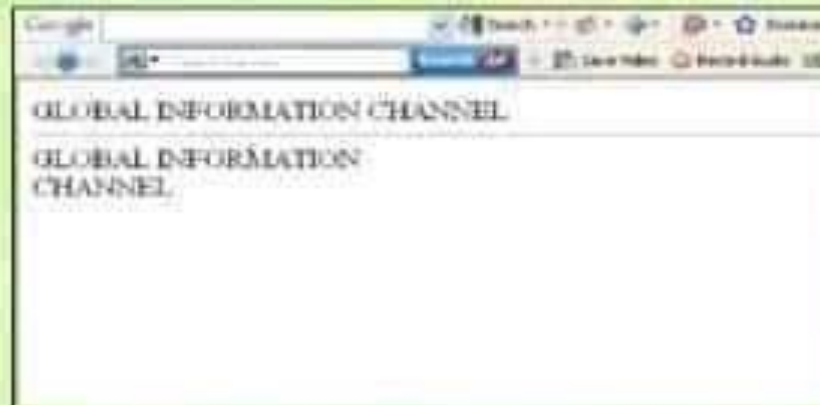
`<p>This is another paragraph</p>`

`<pre>This text is preformatted</pre>`



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
Global Information `
` Channel



Text Formatting Tags

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



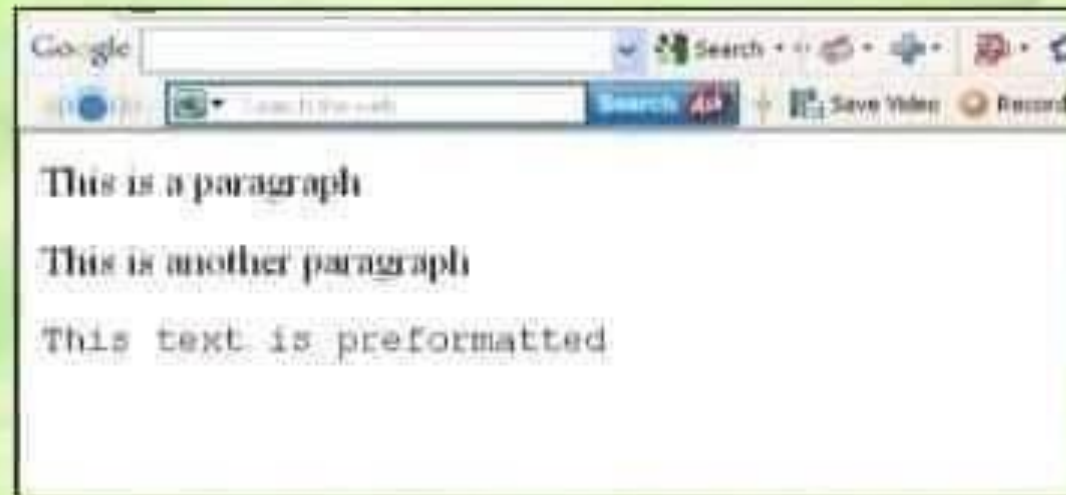
HTML Paragraph Tag

- HTML documents are divided into paragraphs.
- Paragraphs are defined with the **<p>** tag i.e.

`<p>This is a paragraph</p>`

`<p>This is another paragraph</p>`

`<pre>This text is preformatted</pre>`



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
Global Information `
` Channel



Background & Text Color Tag

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

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

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

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



Text Alignment Tag

- It is use to alignment of 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!`



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.

``

``

`<IMG SRC="picture.gif" HEIGHT="30"
WIDTH="50">`



Image attributes - tag

Defines an image

<Src>

display an image on a page,Src stands for "source".

<Alt>

Define "alternate text" for an image

<Width>

Defines the width of the image

<Height>

Defines the height of the image

<Border>

Defines border of the image

<Hspace>

Horizontal space of the image

<Vspace>

Vertical space of the image

<Align>

Align an image within the text

<background>

Add a background image to an HTML page



HTML Table Tag

<table>

used to create table

<tr>

table is divided into rows

<td>

each row is divided into data cells

<th>

Headings in a table

<Caption>

caption to the table

<colgroup>

Defines groups of table columns

<col>

Defines the attribute values for one or more columns in a table

<thead>

Defines a table head

<tbody>

Defines a table body

<tfoot>

Defines a table footer

<Cellspacing>

amount of space between table cells.

<Cellpadding>

space around the edges of each cell

<Colspan>

No of column working with will span

<rowspan>

No of rows working with will span

<Border>

attribute takes a number

