# Chapter 3

# HTML

HTML

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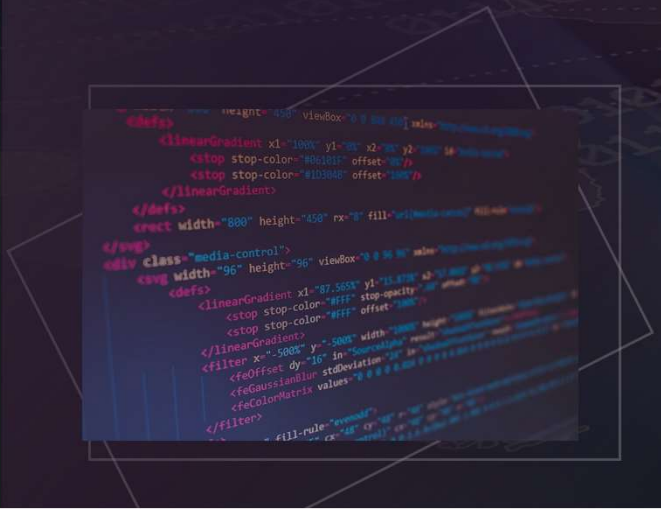


HTML is a language for describing web pages.

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 (Hypertext Markup Language) is used to create document on the World Wide Web. It is simply a collection of certain key words called 'Tags' that are helpful in writing the document to be displayed using a browser on Internet

HTML TOOLS

## HTML Terminology

Some commonly used terms in HTML are:

a)Tag: Tags are always written within angles brackets. it is a piece of text is used to identify an element so that the browser realizes how to display its contents'.<HTML> tag indicates the start of an HTML document .HTML tag can be two types

-Paired Tags :A tag is said to be a paired tag if text is placed between a tag and its companions tag.In paired tag ,the first tag is referred to as opening tag and the second tag is referred to as closing tag.

-Unpaired Tags: An unpaired tag does not have a companion tag .unpaired tag also known as singular or Stand-Alone tags.e.g:<br>,<hr> etc.

HTML TOOLS

## HTML Terminology

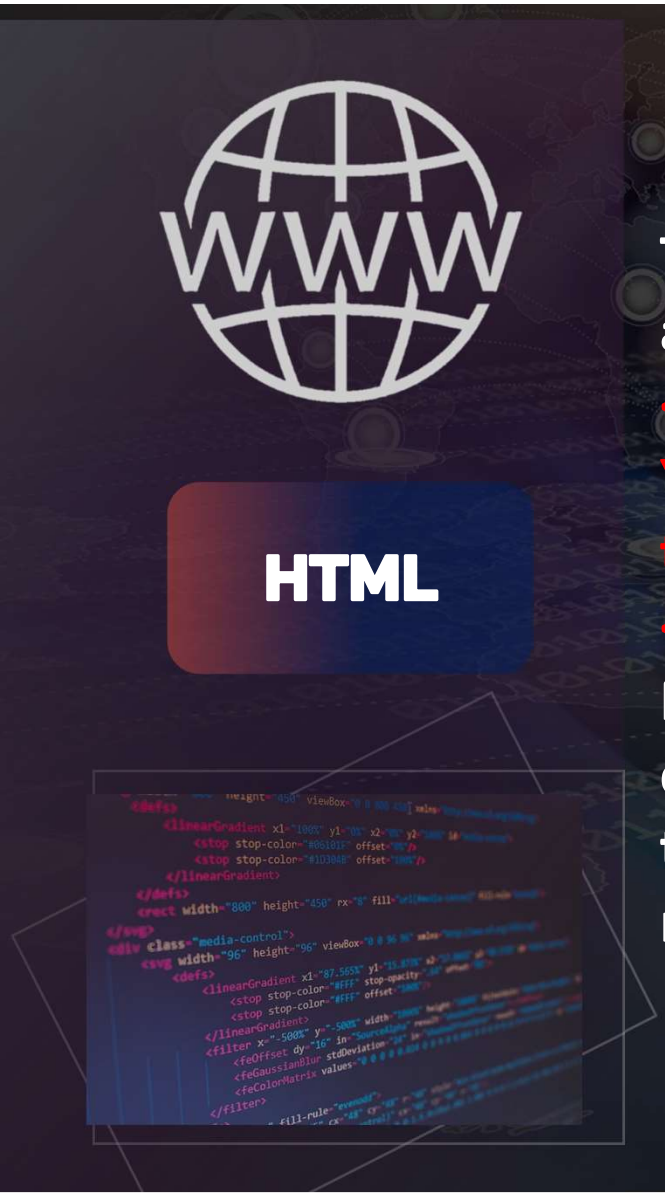
b) **Attribute**: Attribute is the property of an tag that specified in the opening angle brackets. It supplies additional information like color,size,home font-style etc to the browser about a tag. E.g. most of the common attributes are height, color ,width ,src , border , align etc.

d) **ELEMENT**: Element is the component of a document's structure such as a title, a paragraph or a list. It can include an opening and a closing tag and the contents within it.

## HOW TO CREATE AN HTML DOCUMENT

**The essential tags that are required to create a HTML document are:**

**<HTML>.....</HTML>**
**<HEAD>.....</HEAD>**
**<BODY>.....</BODY>**

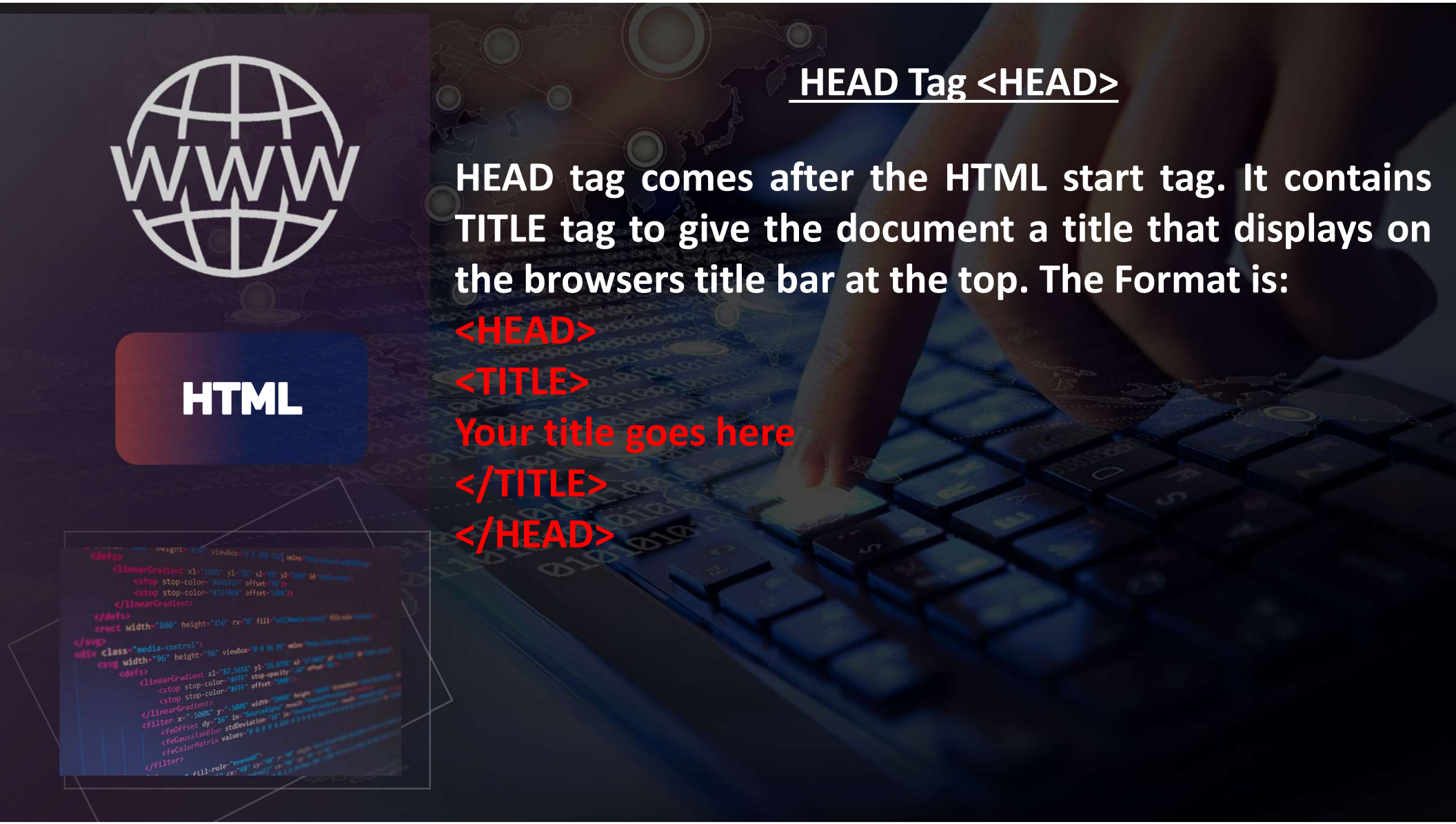



## HTML Tag <HTML>

The <HTML> tag encloses all other HTML tags and associated text within your document.The format is:

<HTML>
Your Title and Document (contains text with HTML tags) goes here
</HTML>

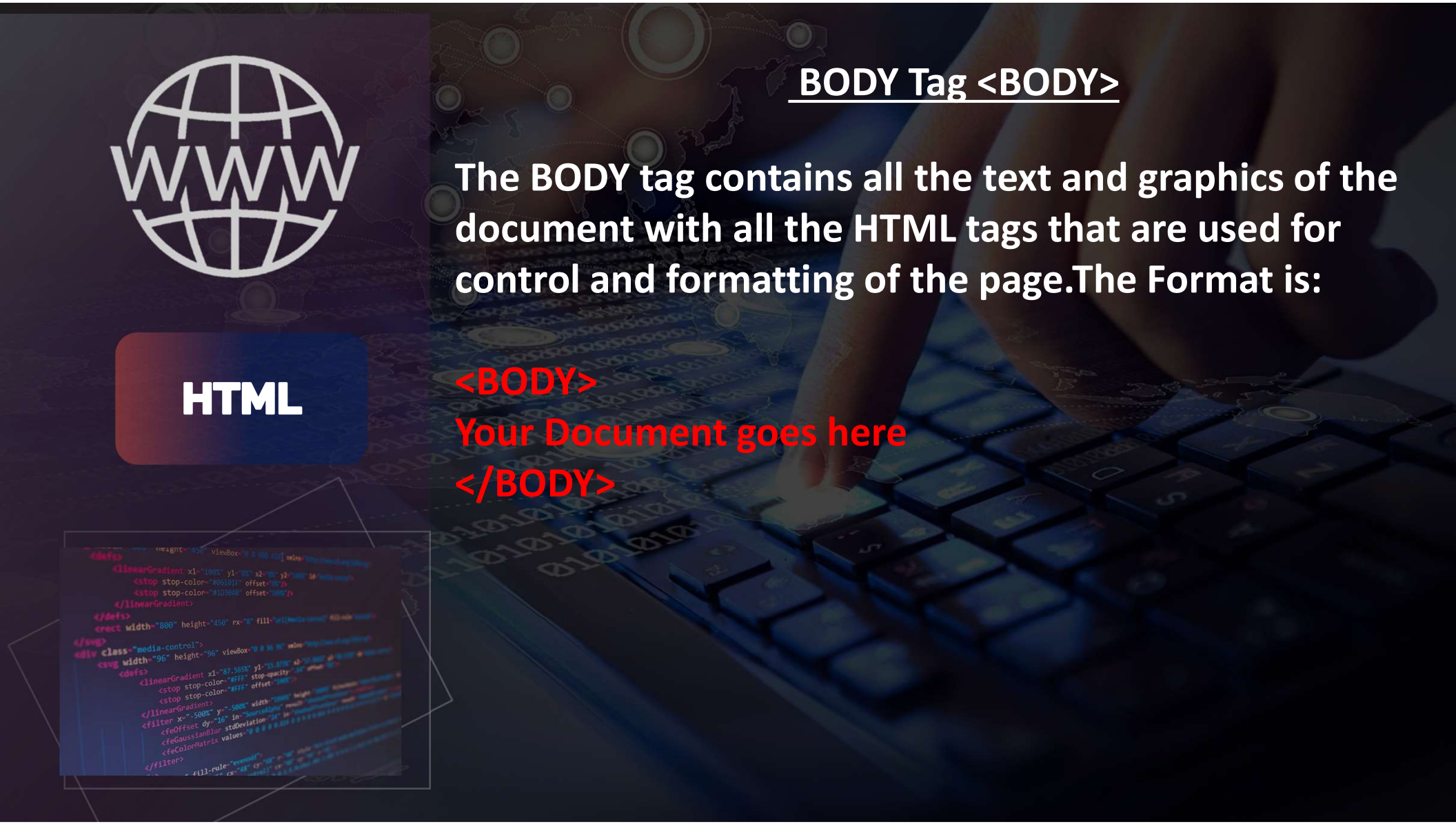
Most HTML tags have two parts, an opening tag and closing tag. The closing tag is the same as the opening tag, except for the slash mark e.g. </HTML>. The slash mark is always used in closing tags.




## HEAD Tag <HEAD>

HEAD tag comes after the HTML start tag. It contains TITLE tag to give the document a title that displays on the browsers title bar at the top. The Format is:

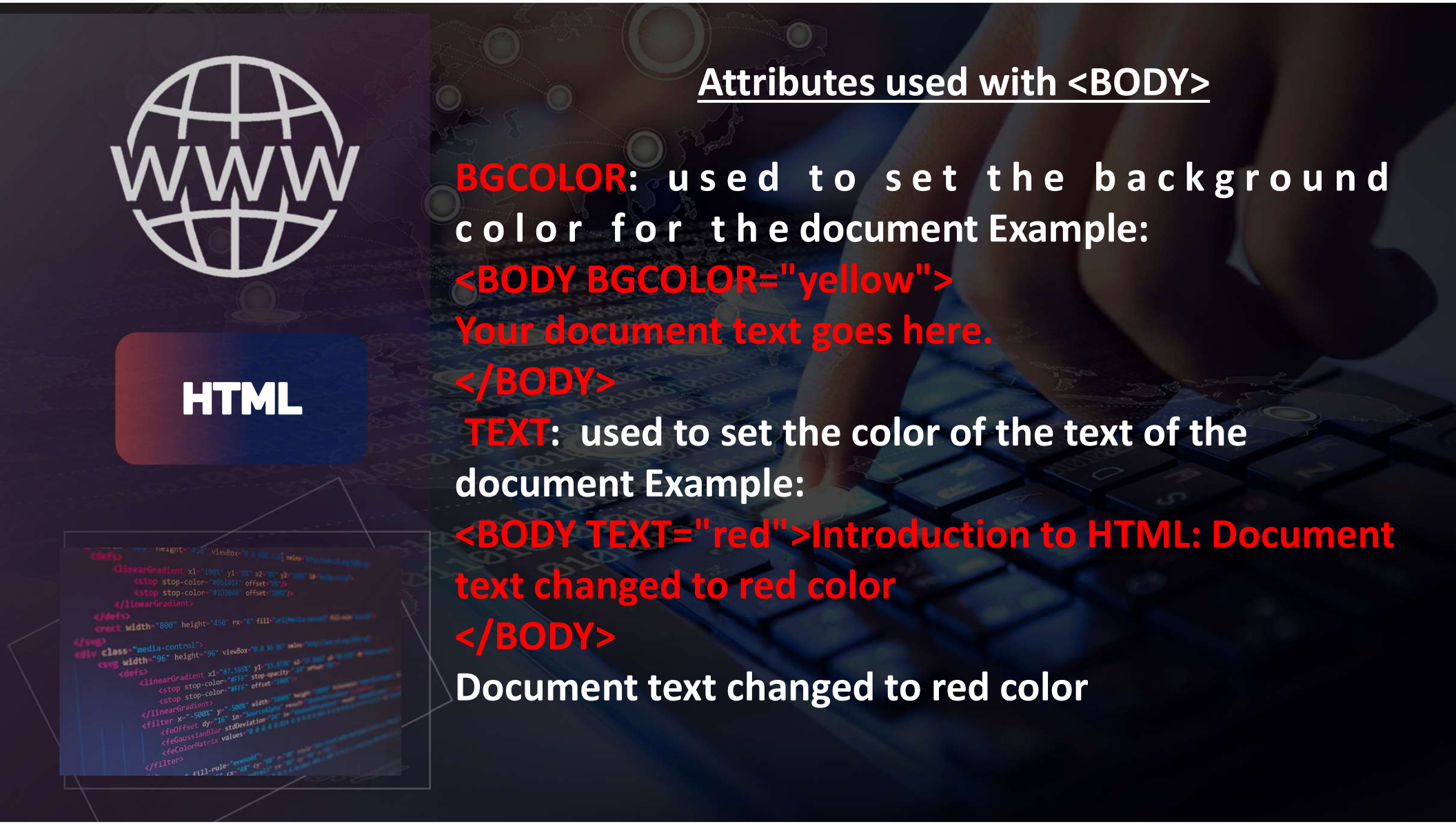
```
<HEAD>
<TITLE>
Your title goes here
</TITLE>
</HEAD>
```




## BODY Tag <BODY>

The BODY tag contains all the text and graphics of the document with all the HTML tags that are used for control and formatting of the page.The Format is:

```
<BODY>
Your Document goes here
</BODY>
```




## Attributes used with <BODY>

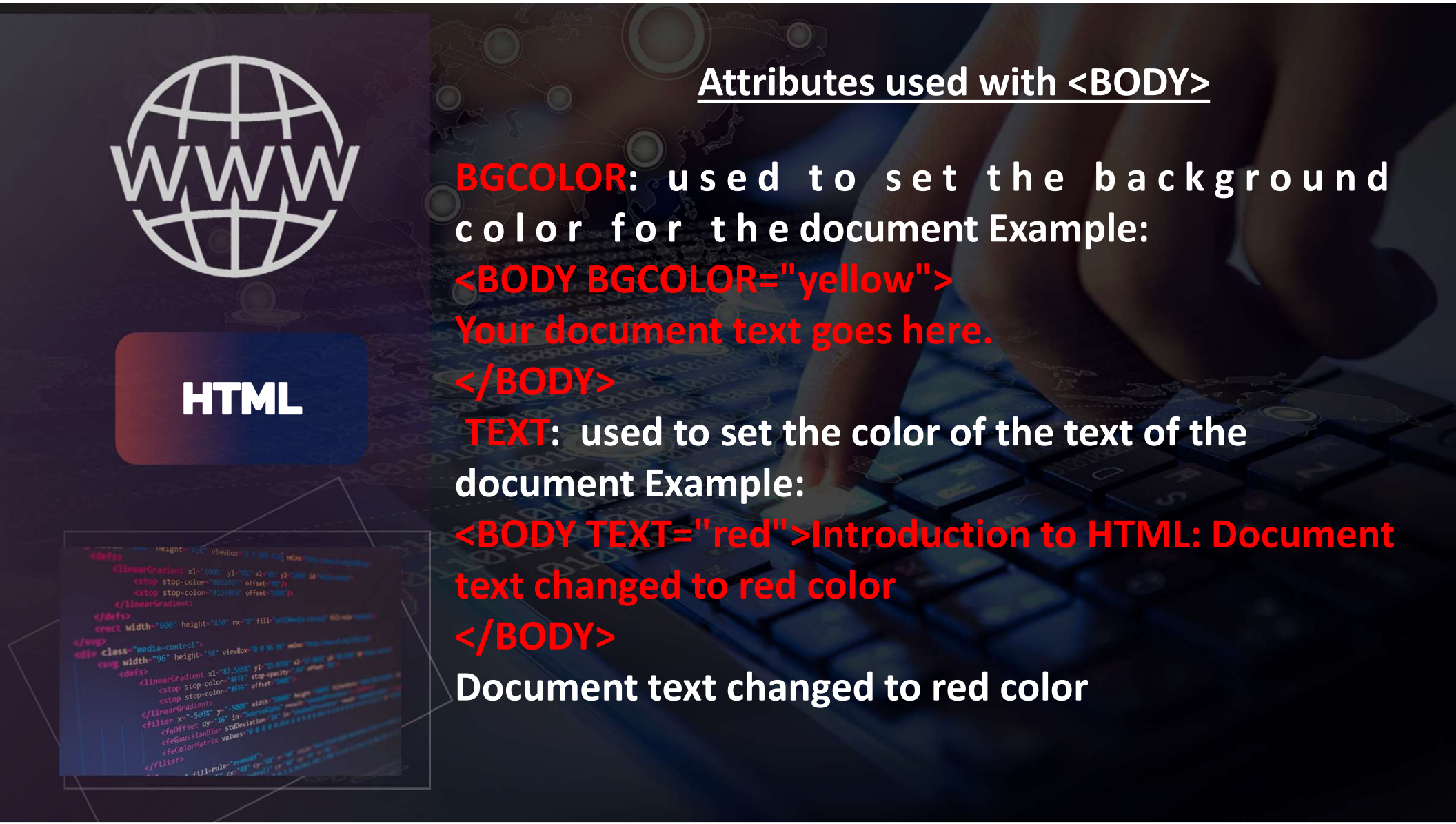
BGCOLOR: used to set the background color for the document Example:

```
<BODY BGCOLOR="yellow">
Your document text goes here.
</BODY>
```

TEXT: used to set the color of the text of the document Example:

```
<BODY TEXT="red">Introduction to HTML: Document text changed to red color
</BODY>
```

Document text changed to red color

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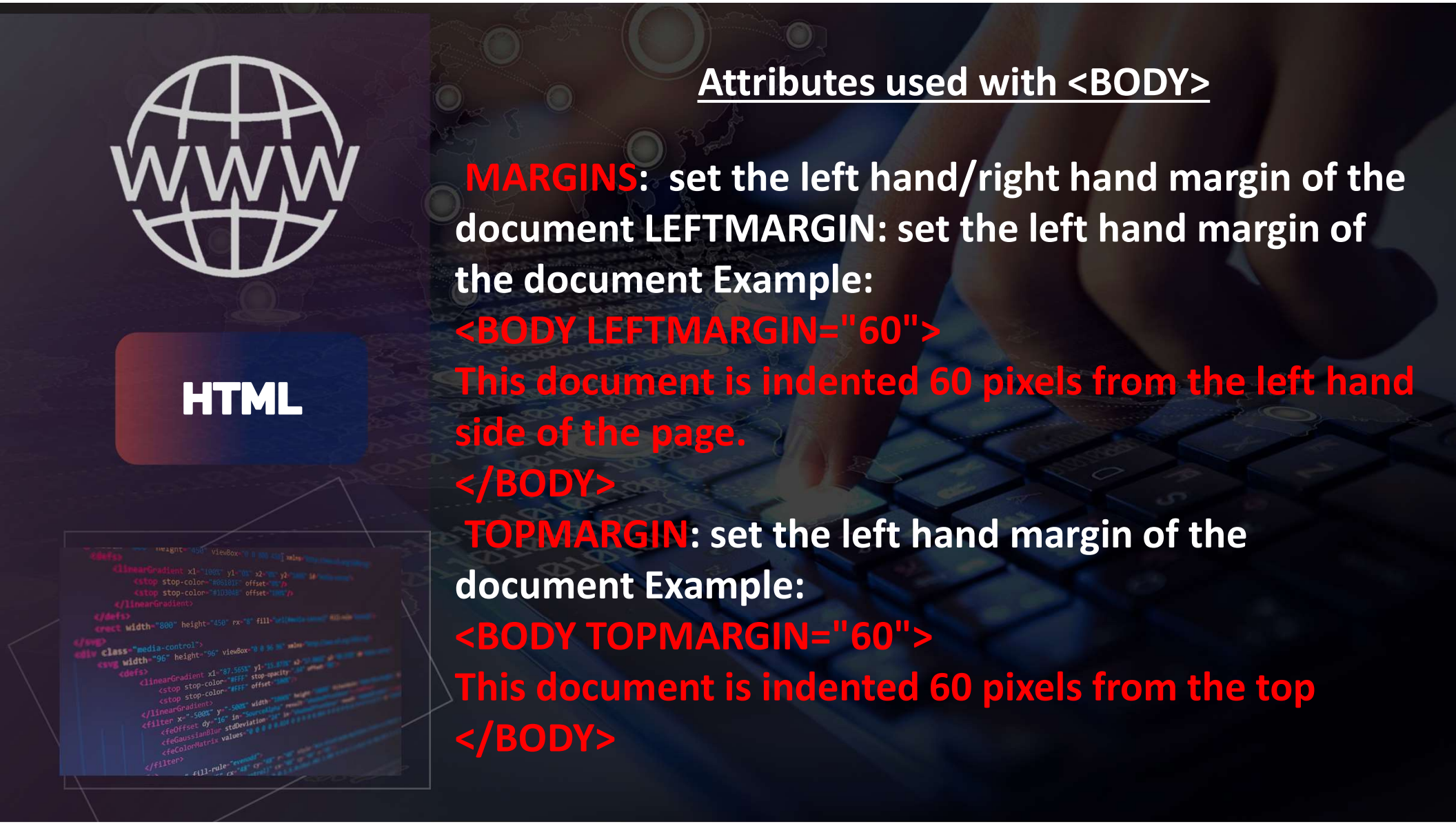


## Attributes used with <BODY>

**MARGINS**: set the left hand/right hand margin of the document LEFTMARGIN: set the left hand margin of the document Example:

```
<BODY LEFTMARGIN="60">
This document is indented 60 pixels from the left hand side of the page.
</BODY>
```

**TOPMARGIN**: set the left hand margin of the document Example:

```
<BODY TOPMARGIN="60">
This document is indented 60 pixels from the top
</BODY>
```

THANKS