



Introduction to

HTML

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Definitions

- W W W – World Wide Web.
- HTML – **HyperText Markup Language** –
The Language of Web Pages on the World
Wide Web.
HTML is a text formatting language.
- URL – Uniform Resource Locator.
- Browser – A software program which is
used to show web pages.

- “Normal text” surrounded by bracketed *tags* that tell browsers how to display web pages
- Pages end with “.htm” or “.html”
- HTML Editor – A word processor that has been specialized to make the writing of HTML documents more effortless.

Tags

- Codes enclosed in brackets
- Usually paired
`<TITLE>My Web Page</TITLE>`
- **Not** case sensitive
`<TITLE> = <title> = <TITLE>`

HTML Page Creation & Editing

In this chapter you will learn to create HTML pages with a standard text editor.

Objectives

Upon completing this section, you should be able to

1. Choose a Text Editor.
2. Create a Basic Starting Document.
3. Understand and set Document Properties.
4. View Your Results in a Browser.

Creating a Basic Starting Document

```
<HTML>
```

```
<HEAD>
```

```
  <TITLE>Al al-Bayt University</TITLE>
```

```
</HEAD>
```

```
<BODY>
```

This is what is displayed.

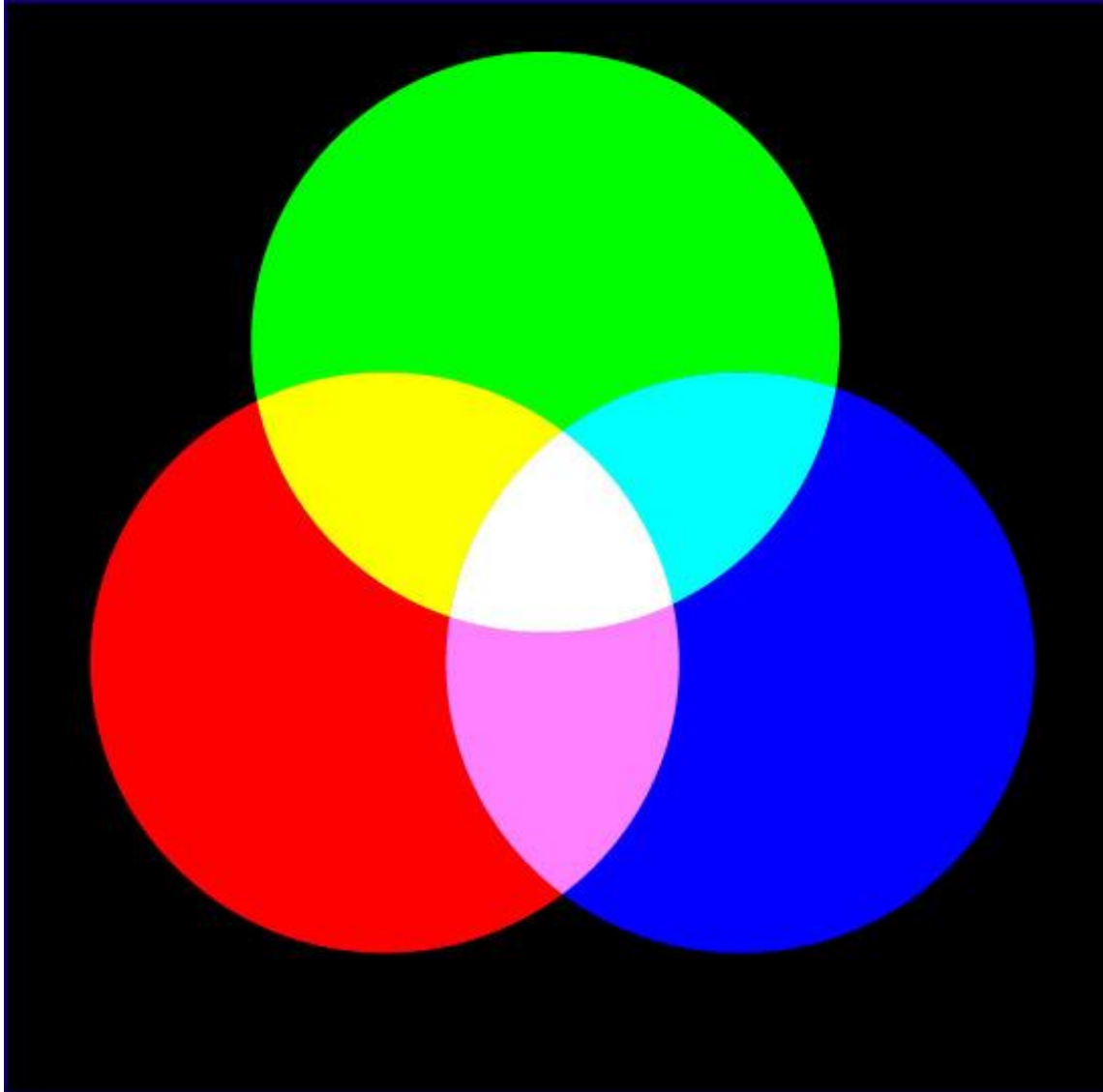
```
</BODY>
```

```
</HTML>
```

Color Codes

- Colors are set using “**RGB**” color codes, which are, represented as hexadecimal values. Each 2-digit section of the code represents the amount, in sequence, of **red**, **green** or **blue** that forms the color. For example, a **RGB** value with 00 as the first two digits has no red in the color.

Main Colours



16 Basic Colors

Color Name	RGB Triplet	Hexadecimal	Color Name	RGB Triplet	Hexadecimal
Aqua	(0,255,255)	00FFFF	Navy	(0,0,128)	000080
Black	(0,0,0)	000000	Olive	(128,128,0)	808000
Blue	(0,0,255)	0000FF	Purple	(128,0,128)	800080
Fuchsia	(255,0,255)	FF00FF	Red	(255,0,0)	FF0000
Gray	(128,128,128)	808080	Silver	(192,192,192)	C0C0C0
Green	(0,128,0)	008000	Teal	(0,128,128)	008080
Lime	(0,255,0)	00FF00	White	(255,255,255)	FFFFFF
Maroon	(128,0,0)	800000	Yellow	(255,255,0)	FFFF00

Color Codes

1. WHITE
2. BLACK
3. RED
4. GREEN
5. BLUE
6. MAGENTA
7. CYAN
8. YELLOW
9. AQUAMARINE
10. BAKER'S CHOCOLATE
11. VIOLET
12. BRASS
13. COPPER
14. PINK
15. ORANGE

1. #FFFFFF
2. #000000
3. #FF0000
4. #00FF00
5. #0000FF
6. #FF00FF
7. #00FFFF
8. #FFFF00
9. #70DB93
10. #5C3317
11. #9F5F9F
12. #B5A642
13. #B87333
14. #FF6EC7
15. #FF7F00

Headings, <Hx> </Hx>

```
<HTML>
<HEAD>
<TITLE> Example Page</TITLE>
</HEAD>
<BODY>
<H1> Heading 1 </H1>
<H2> Heading 2 </H2>
<H3> Heading 3 </H3>
<H4> Heading 4 </H4>
<H5> Heading 5 </H5>
<H6> Heading 6 </H6>
</BODY>
</HTML>
```

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Paragraphs, `<P>` `</P>`

- Paragraphs allow you to add text to a document in such a way that it will automatically adjust the end of line to suite the window size of the browser in which it is being displayed. Each line of text will stretch the entire length of the window.

Paragraphs, <P> </P>

```
<HTML><HEAD>
<TITLE> Example Page</TITLE>
</HEAD>
<BODY></H1> Heading 1 </H1>
<P> Paragraph 1, ....</P>
<H2> Heading 2 </H2>
<P> Paragraph 2, ....</P>
<H3> Heading 3 </H3>
<P> Paragraph 3, ....</P>
<H4> Heading 4 </H4>
<P> Paragraph 4, ....</P>
<H5> Heading 5 </H5>
<P> Paragraph 5, ....</P>
<H6> Heading 6</H6>
<P> Paragraph 6, ....</P>
</BODY></HTML>
```

Heading 1

Paragraph 1,....

Heading 2

Paragraph 2,....

Heading 3

Paragraph 3,....

Heading 4

Paragraph 4,....

Heading 5

Paragraph 5,....

Heading 6

Paragraph 6,....

Break,

- Line breaks allow you to decide where the text will break on a line or continue to the end of the window.
- A
 is an empty Element, meaning that it may contain attributes but it does not contain content.
- The
 element does not have a closing tag.

Break,


```
<HTML>
<HEAD>
<TITLE> Example Page</TITLE>
</HEAD>
<BODY>
<H1> Heading 1 </H1>
<P>Paragraph 1, <BR>
Line 2 <BR> Line 3 <BR>....
</P>
</BODY>
</HTML>
```

Heading 1

Paragraph 1,....

Line 2

Line 3

....