GRADE 9
1ST QUARTER
LESSON 5

"A bright mind is nothing without a humble heart"

HTML Hyperlink
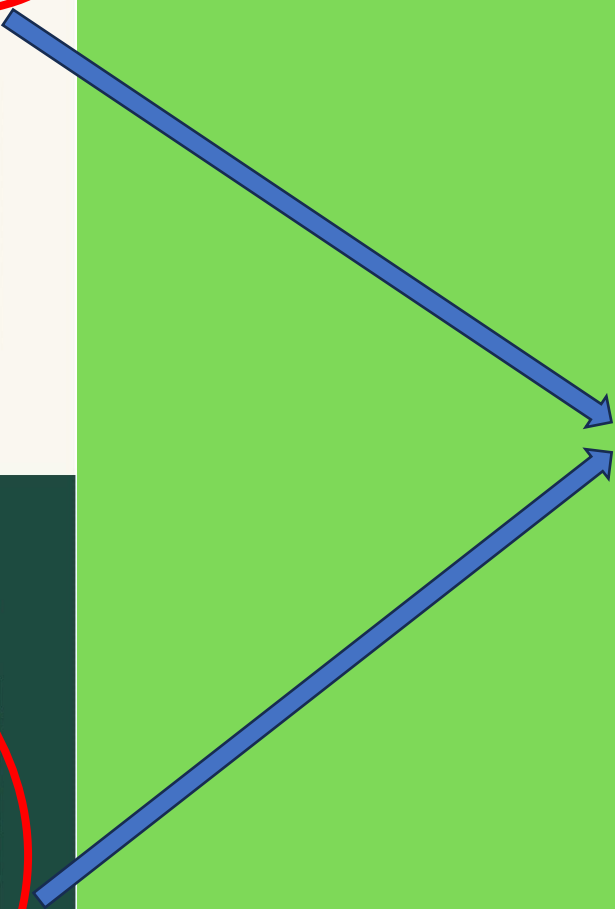
What is a Hyperlink?

- A Web site is usually made up of several Web pages.

- Hyperlink is a reference link that allows you to navigate to another page of the same document or to another document.

- Hyperlink or link may be represented by a colored text with an underline or with an image.

Three Types of Hyperlinks

Absolute URL	Links to a page on a different Web server.
Relative URL	Links to a page on the same Web server.
Named anchor	Links to a different location on the same Web page.

Server – a software or hardware device that accepts and responds to requests made over a network.

Links

Creating a Link from One Page to Another

- Anchor – term used to define a hyperlink. Allows viewers to go to another Web page or file. Can also be made to make email hyperlinks.

- Anchors can be made thru the container tag <a> and setting the value of the attribute href as the target destination page.

Creating a Link from One Page to Another

Syntax: Yahoo!

Anchor Tag

URL (target name)

Content

Attribute for <a>

Attribute	Definition
href	Indicates the target of the anchor. Ex. *Click to learn about paragraphs again!*
target	Indicates behavior the Web browser will carry out. Ex. *Click to learn about paragraphs again!*
name	Assigns a name to the anchor defining an internal bookmark of the page. Ex. *Click to learn about paragraphs again!*

Target Attribute

The target attribute indicates what the Web browser will do when the hyperlink is clicked. The following describes what each value does:

1. _blank – the value of the href attribute or target URL will be opened in a new window.

2. _self – the value of the href attribute or target URL will be opened within the same frame.

Target Attribute

3. _parent – the value of the href attribute or target URL will be opened in the parent frameset.

4. _top – the value of the href attribute or target URL will be opened in the full body of the window

Target Attribute

Syntax:

```html
<a href="https://www.google.com" target="_blank">Go to Google</a>
```

File   Edit   View

```
<html>
<head><title>Computer Books, Software, Hardware</title>
</head>
<body>
<h1><font color="#ff0000">IT Learning</font></h1>
<hr align="left" size="10" width="600">
<font size="6">
<p>The featured products for this month are:</p>
<ul>Books
<li><a href="office productivity.jpg">Office Productivity</a></li>
<li><a href="creative.png">Creative Design</a></li>
<li><a href="html.jpg">Office HTML</a></li>
</ul>
</font>
</body>
</html>
```
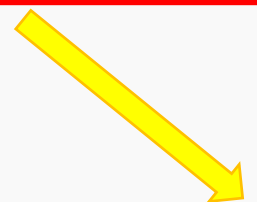
Text links

Notes

- To change the text hyperlink color:

  Office Productivity*

- To make the visited link a different color from the unvisited link so that visitors can tell where they have been:

  <body vlink="0000ff">

Creating an Email Link

- Email links allow users to send email and communicate with others easily.

- Email hyperlink open the Create New Email Message of the MS Outlook Express (or the default mail client) and sets the message to be sent to the specified email address.

Creating an Email Link

- You can make your own email hyperlink by setting the value of the attribute href as mailto: followed by the email address.

    Example:

    Email Us Now

```html
<html>
<head><title>IT Books</title>
</head>
<body>
<a href="https://www.google.com">Go to Google</a><br><br>
<a href="mailto:mgguminga@gmail.com">Email Us Now</a>
</body>
</html>
```

Go to Google

Send e-mail

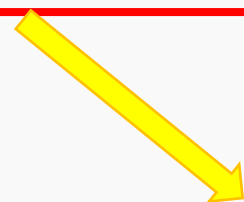# Notes

- In the example, notice that the first hyperlink will bring you to the search engine Google and the next one is an email hyperlink that will send an email to mgguminga@gmail.com.

Linking to a Page on a Different Web Site

- To link to a page on a different site, you have to find first the destination file path then copy it to your code to create a link.

```
<html>
<head><title>Computer Books, Software, Hardware</title></head>
<body>
<h1><font color="#ff0000">IT Learning</font></h1>
<hr align="left" size="10" width="600">
<font size="6">
<p>The featured products for this month are: </p>
<ul>Books from Jemma Inc.
<li><a href="office productivity.jpg">Office Productivity</a></li>
<li><a href="creative.png">Creative Design</a></li>
<li><a href="html.jpg">HTML</a></li>
<p>Other books from
<a href=http://www.cengage.com/>Cengage Learning</a></p>
</ul>
</font>
</body>
</html>
```

Text link

Using Graphics as a Hyperlink

- Graphics hyperlink is commonly used as follows:
  1. Link to the website's home page.
  2. Link to the next page, previous page or top of the current page.
  3. Link to large full-sized graphics.
  4. Link to all pages in a website.

```html
<html>
<head><title>My Profile</title></head>
<body>
<h1 align="center"><b>Mary Grace G. Uminga</b></h1><br><br>
<img src="my picture.jpg" height="300" width="700"><br><br>
<p><a href="#"><img src="my profile.jpg" height="100" width="200"></a></p>
<p><a href="#"><img src="contact.png" height="100" width="200"></a></p>
<p><a href="#"><img src="images.jpg" height="100" width="200"></a></p>
<p><a href="#"><img src="download.jpg" height="100" width="200"></a></p>
<p><a href="#"><img src="inquiry.jpg" height="100" width="200"></a></p>
</body>
</html>
```

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Using Graphics as Links

- You can use graphics or images to take you to another page in your web site or to another website.

Example: *<img src="http://address_of_graphic.gif align="left" border="0">*

File   Edit   View

```html
<html>
<head><title>Pokemons</title></head>
<body>
<h1 align="center">Who's That Pokemon</h1>
<p align="center">My Favorite Pokemons</p>
<ul>
<li><a href="psyduck.jpg"><img src="1.png"></a></li>
<li><a href="bulbasaur.jpg"><img src="2.jpg"></a></li>
<li><a href="snorlax.jpg"><img src="3.jpg"></a></li>
<li><a href="dratini.jpg"><img src="4.jpg"></a></li>
</ul>
</body>
</html>
```

Graphics link

The terms "link" and "hyperlink" are often used interchangeably in everyday language, but there are subtle distinctions:

1. **Link**:
   - A "link" generally refers to a connection between two documents or between a location within a document and another location within the same or a different document. It can be textual, visual, or in some other form.
   - In the context of HTML, a "link" is typically an anchor (<a>) element that connects a piece of text or an image to another webpage, file, or location.

2. Hyperlink:

- A "hyperlink" specifically refers to a type of link that is activated by clicking. It's an element in a document that lets you jump to another location or document when clicked.

- Technically, the term "hyperlink" emphasizes the interactive nature of the link, which connects you to another place on the internet or within a document.

Example:
This is a hyperlink

- In this case, "This is a hyperlink" is the visible text, and the entire anchor element (<a>) is the hyperlink.

So, while all hyperlinks are links, not all links are hyperlinks (e.g., a link in a printed document is not a hyperlink because it's not clickable). In web terminology, though, the distinction is often minimal, and people use both terms to describe the same thing.