BASIC WEB DEVELOPMENT

MODIFYING WEBPAGE USING HTML

PRACTICE 1 : CREATING WEBSITE

1. Create one new website.
2. Website URL : yourName_webDevelopment
3. Site Name : Web Development
4. Sidebar : Hide
5. Horizontal Navigation : Show
6. Site Header : Insert banner

HTML : HEADING

It is important to use headings to show the document structure.

Comes in <u>PAIR</u> and <u>SIX LEVELS</u> of headings are available

Defines the *most important* heading

\<H1\> PMF0101 **\</h1\>**

Defines the *least important* heading

\<H6\> PMF0101 **\</H6\>**

HTML : HEADING

Browsers automatically add some white space (a margin) before and after a heading.

Headings can emphasize / tell audience what information is; such as a title / subtitle

EXAMPLE (without attribute)

\<H1\> PMF0101 **\</h1\>**

EXAMPLE (with attribute)

\<H1 align="center"\> PMF0101 \</h1\>

Additional information about the alignment

HTML : HORIZONTAL RULES

To separate major sections of your HTML page / to divide text from graphics

This tag has no text associated with it and stands alone.

It will insert a rule completely across your HTML page.

EXAMPLE (without attribute)

<hr>

EXAMPLE (with attribute)

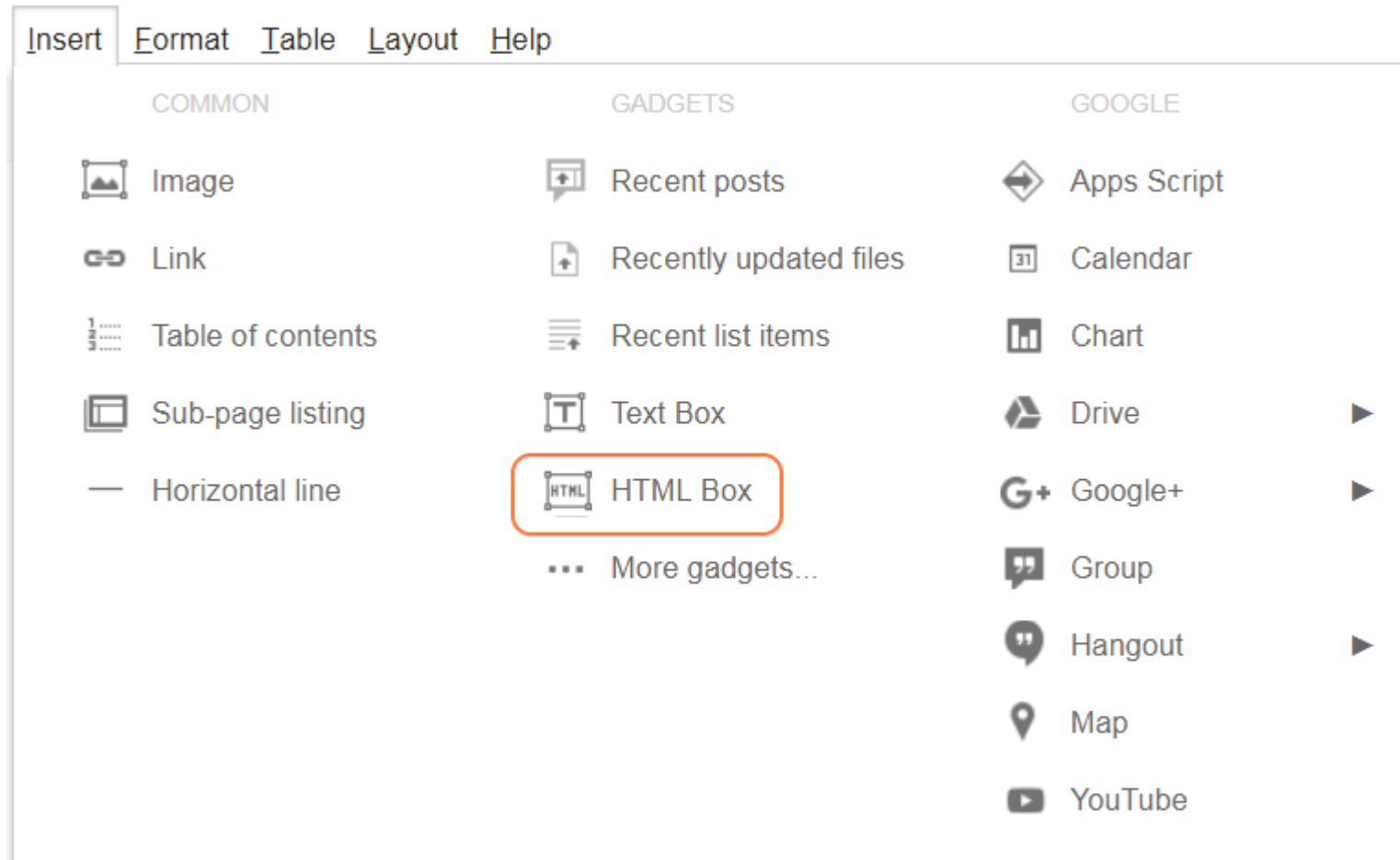**<hr width ="640" size =10>**

Additional information about the size and width

INSERT CONTENT USING HTML BOX

Make sure all HTML code are created inside HTML box. You can modify HTML box based on suitability of the content.

Apply HTML using HTML BOX

PRACTICE 2 : HEADING

Layout : One column

In **Row 1**

→ Text : Your Name

→ Tag : The most important heading

→ Alignment : appear on the middle of the page.

In **Row 1**

After your name; add a horizontal rules across the page

HTML : PARAGRAPH BREAK <P>

<P> will end a line and insert a line space (skip one line).

Browsers automatically add some white space (a margin) before and after a paragraph.

EXAMPLE

<p> Multimedia Fundamental </p> PMF0101

OUTPUT

Multimedia Fundamental

PMF0101

HTML : LINE BREAK

The <br> tag is an empty tag, which means that it has no end tag.

Use <br> if you want a line break (a new line) without starting a new paragraph

EXAMPLE

Multimedia Fundamental
 PMF0101

OUTPUT

Multimedia Fundamental
PMF0101

PRACTICE 3 : INSERT TEXT

In **Row 2**

Create THREE (3) paragraphs of text (3-5 sentences).

a. Paragraph 1 – Introduce yourself (name, id, nickname, age, hometown, etc.)

b. Paragraph 2 – Talk about subject that you enroll for current trimester

c. Paragraph 3 – Talk about subject that you enrolled for previous trimester

HTML : UNORDERED LIST

Starts with the <ul> tag

List item starts with the <li> tag

The list items will be marked with bullets (small black circles) by default

EXAMPLE	OUTPUT
** ** - Naruto - One piece - Bleach ** **	• Naruto • One piece • Bleach

HTML : ORDERED LIST

Starts with the <ol> tag

List item starts with the <li> tag

The list items will be marked with numbers by default:

EXAMPLE	OUTPUT
** ** 　 - Naruto 　 - One piece 　 - Bleach ** **	1.　Naruto 2.　One piece 3.　Bleach

HTML : ORDERED LIST

Type attribute for < ol > tag

Type	Description
type="1"	The list items will be numbered with numbers (default)
type="A"	The list items will be numbered with uppercase letters
type="a"	The list items will be numbered with lowercase letters
type="I"	The list items will be numbered with uppercase roman numbers
type="i"	The list items will be numbered with lowercase roman numbers

HTML : DESCRIPTION LISTS

The <dl> tag defines the description list

The <dt> tag defines the term (name)

The <dd> tag describes each term

EXAMPLE

```
<dl>
 <dt> Trimester 2 </dt>
        <dd> 14 weeks </dd>
 <dt> Trimester 3 </dt>
        <dd> 7 weeks </dd>
</dl>
```

Trimester 2
        14 weeks
Trimester 3
        7 weeks

PRACTICE 4 : MODIFY CONTENT

In **Row 2**

→ Paragraph 2 – Insert all subject that you register for this trimester and your target (A,B, etc.) for each subject. Apply an ordered list

Example

1. PMF0101 - Multimedia Fundementals Target: A
2. PSP0101 - Problem Solving and Program Design Target: A
3. PBU0045 - Intro To Business Management Target: A
4. PEN0065 - Academic English Target: A
5. PMT0201 - Mathematics II Target: A

HTML : FORMATTING

Allows you to control the appearance of the text itself

EXAMPLE

 Bold text
<i> Italic text </i>
<mark> Marked text </mark>
<small> Small text </small>
<del> Deleted text </del>
<ins> Inserted text </ins>
_{Subscript text}
^{Superscript text}
<strong> - Important text </ strong>
 Emphasized text

PRACTICE 5 : MODIFY CONTENT

In **Row 2**

→ Bold the word "PMF0101"

→ Italicize the word "Multimedia"

→ Underline the word "Fundamentals"

→ Highlight all word "Target"

Example

1. **PMF0101** - *Multimedia* <u>Fundamentals</u> `Target` : A
2. PSP0101 - Problem Solving and Program Design `Target` : A
3. PBU0045 - Intro To Business Management `Target` : A
4. PEN0065 - Academic English `Target` : A
5. PMT0201 - Mathematics II `Target` : A

PRACTICE 6 : MODIFY CONTENT

In **Row 3**

Create TWO (2) paragraph of text (3-5 sentences)

→ Paragraph 1 – Talk about your experiences using Paint.NET to modify graphics.

→ Paragraph 2 – Tell me about video montage that you create using VSDC.

HTML : IMAGES

The <img> tag is empty, it contains attributes only, and does not have a closing tag.

The src attribute specifies the URL (web address) of the image

The alt attribute provides an alternate text for an image, if the user for some reason cannot view it

EXAMPLE

```
< img
  src = image1.png
    alt = compas
>
```

PRACTICE 7 : MODIFY CONTENT

In **Row 3**

→ Add an image (the one that you modify using Paint.NET) in between the paragraph

→ Change the image size and alignment using image attribute

HTML : EMBED

<video>: HTML5 support MP4, WebM, and Ogg video

< video width="320" height="240" controls>

    <source src="movie.mp4" type="video/mp4">

</video>

<audio> : HTML5 support MP3, WAV, and Ogg audio

<audio controls>

    <source src="horse.mp3" type="audio/ogg">

</audio>

HTML : EMBED

<object> and <embed> : for plug-ins

⬇

<iframe>: Youtube video

⬇

Example

<object width="40" height="50" data="ani_banner.swf" > </object>	<embed width="40" height="50" src="ani_banner.swf" >	<iframe width="320" height="240" src="http://www.youtube.com/embed/XyZ_r2H8k"> </iframe>

PRACTICE 8 : MODIFY CONTENT

In **Row 3** ; after last paragraph

→ Add video montage (the one that you created using vsdc)

→ Change the video size and alignment using video attribute

PRACTICE 9 : INSERT CONTENT

In **ROW 3**

Add THREE (3) different images after video montage. Make sure that images suitable for icon/button.

– Insert any email icon/button

– Insert any google icon/button

– Insert any html icon/button

HTML : HYPERLINK

An element; a text (hypertext) / an image (hypermedia) that can be clicked

Allows users to navigate from one document to another document

Links are defined by the *a* tag

 hypertext

EXAMPLE

< a href = http://google.com > GOOGLE

HTML : RELATIVE/LOCAL LINK

A local link (link to the same web site) is specified with a relative URL (without https://www....).

Depends on the file structure

In the same folder…	To go up one level use

<a href="about.html"**> About Us **

<a href="../about.html"**> About Us **

HTML : ABSOLUTE LINK

Full web address

Hypertext

** GOOGLE PAGE **

Hypermedia

** image1.png **

HTML : EMAIL LINK

A link to an email address

Hypertext

** EMAIL **

Hypermedia

** img1.png **

HTML : NAME ANCHOR LINK

You can create a link to a named anchor by using the name attribute (or the id attribute).

Anchor Location

** MOVE HERE **

Anchor Link

** Top **

PRACTICE 10 : INSERT HYPERLINK

In **Row 3**

– email icon/button : activate as email link

– google and html icon/button : activate as absolute link

– apply name anchor link in your page

Make sure you link it to a suitable website based on icon used.

HTML : TABLE

A table is a section of information divided into columns and rows of blocks, called cells.

<table> </table>	• container for elements to create a table in HTML
<tr> </tr>	• creates a new table row
<td> </td>	• creates a new table cell
<th> </th> (optional)	• creates a new table header cell; is used in place of td element for that cell.

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PRACTICE 11 : MODIFY CONTENT

In **Row 2**

→ Paragraph 3 – Create a table

Example

Subject Code	Subject Name	Result
PCT0101	Introduction To Computing Technologies	A-
PEN0055	Essential English	A-
PMT0101	Mathematics I	A+

END OF PART 1 – TOPIC 6 : HTML