



Republic of the Philippines
Department of Education
REGION III
SCHOOLS DIVISION OFFICE OF NUEVA ECIJA

LEARNING ACTIVITY SHEET
SPECIAL PROGRAM IN ICT 9
WEB DESIGN 9
Second Quarter, Week 5

Windows Operating System

BACKGROUND INFORMATION FOR LEARNERS

A. Preparing for HTML

HTML files require certain elements to set up the document properly. We can let web browsers know that we are using HTML by starting our document with a *document type declaration*.

The declaration looks like this:

```
<!DOCTYPE html>
```

The declaration is an instruction, and it must be the first line of code in your HTML document. It tells the browser what type of document to expect, along with what version of HTML is being used in the document.

Lastly, HTML code is always saved in a file with an **.html** extension.

B. The <html> tag

The `<!DOCTYPE html>` declaration provides the browser with two pieces of information (the type of document, and the HTML version to expect), but it doesn't actually add any HTML structure content.

To create HTML structure and content, we must add opening and closing `<html>` tags after declaring `<!DOCTYPE html>`

```
<!DOCTYPE html>  
<html>  
  
</html>
```

Anything between the opening `<html>` and closing `</html>` tags will be interpreted as HTML code. Without these tags, it's possible that browsers could incorrectly interpret your HTML code.

C. The Head

The `<head>` element contains the *metadata* for a web page. Metadata is information about the page that is not displayed directly on the web page.

```
<head>
</head>
```

D. Page Titles

What kind of metadata about the web page can the `<head>` contain?

A browser's tab displays the title specified in the `<title>` tag. The `<title>` tag is always inside of the `<head>`

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Coding Journal</title>
  </head>
</html>
```

If we are to open a file containing the HTML code in the example above, the browser would display the words “My Coding Journal” in the title bar (or in the tab's title).

LEARNING COMPETENCY

Preparing Web page document according to HTML document standard.

ACTIVITIES

Attach the screenshots of your codes and output in our Google Classroom

Hands-on Activity 1: Adding HTML Declaration

1. Open notepad or sublime text application. Save as “index.html”
2. Add the `<!DOCTYPE html>` declaration as the very first line of code at the top of the index.html file
3. Save changes.

Hands-on Activity 2: Adding HTML element

1. Open your index.html
2. Add the opening and closing <html> tags below the <!DOCTYPE html> tag.
3. Save changes.

Hands-on Activity 3: Adding Head element

1. Open your index.html
2. Place the <head> element below the opening <html> tag.
3. Save changes.

Hands-on Activity 4: Adding Title element

1. Open your index.html
2. Add “Brown Bears” as title of your web page by using <title> element
3. Save changes.

REFLECTION:

Type your answer in the Private Comment Section of our Google Classroom

1. How does adding HTML declaration, HTML element, Head element and title element helps you enhance your web page?

REFERENCES FOR LEARNERS

https://www.w3schools.com/html/html_editors.asp

<https://www.tutorialrepublic.com/html-tutorial/html-get-started.php>

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