

Computer Programming I

ICT11-B

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(The slides that were shared got rumpled; so I didn't know the order of it. So the slides order were based on the one was sent in gc)

E. ASSIMILATION

Let's see a simple example of HTML and try the codes with the use of IDEs Netbeans or Visual Studio Code.

```
<!DOCTYPE html>
<html>
<body>

  <p>This <!-- great text --> is a paragraph.</p>

</body>
</html>
```

F. ASSESSMENT

1. Use the HTML comment tag to make a comment out of the "This is a comment" text.

```
<h1>This is a heading</h1>
<!--This is a comment-->

<p>This a paragraph.</p>
```

2. Add comment tags around the paragraph:

```
<!--<p>This a paragraph.</p>-->
```

III. REFLECTION

What I have learned today is that any text or even elements that is inside of the comment tags will always be comment and will not be visible on the browsers. This can be useful on temporarily hide the contents in the code.

D. ASSIMILATION

In your notebook, write your draft of HTML codes with the current focuses on your favourite colors and their meanings.

```
<!DOCTYPE html>
<html>
<body style="color: white; background-color: black">
  <h1>My Favorite Color And Their Meaning</h1>
  <br>
  <p>My first favorite color is <em style="color: blue">Blue</em>.
  <br>Because the color of Blue represents the ocean and sky and associated with open spaces, freedom,
  intuition, imagination, inspiration, and sensitivity.</p>
  <p>The second is the color of <em style="color: red">Red</em>.
  <br>Because the color of Red represents the heat, passion, love, and joy.</p>
</body>
</html>
```

E. ASSESSMENT

Fix the code below:

```
<!DOCTYPE html>
<html>
<head>
  <title>HTML Colors by Name</title>
</head>
<body style="color: blue; background-color: green">
  <p>Use different color names for body content</p>
</body>
</html>
```

E. ASSIMILATION

Improve the code and identify the errors.

```
<!DOCTYPE html>
<html>
<body>
  <p>Look at this cool image:</p>
  
</body>
</html>
```

F. ASSESSMENT

Use the HTML CSS tags to a website about “Current Trends in Web Technologies”.

```
<p>You can visit this website to learn more about the <em>Current Trends in Web Technologies</em>.</p>
<a href="https://blog.hubspot.com/website/web-development-trends">Click Here To Visit The Website</a>
```

REFLECTION

What I have learned today is that I could use the <a href> tag to put a link of a website on my website. This makes the sourcing easier.

Assimilation

Write a HTML Document that will display your insights in the upcoming Barangay and SK Elections as a youth?

```
<body>
  <h1>My Insights About The Upcoming Barangay And SK Election</h1>
  <p>My insights about the upcoming election is that I know people will vote the person they have a trust on, which is I have a high hopes that this would go well; as the winner on the election is who have the majority of the votes, that means that the person who will win have the trust of the people.</p>
</body>
```

E. ASSIMILATION

Let’s see a simple example of HTML and try the codes with the use of IDEs Netbeans or Visual Studio Code.

```
<!DOCTYPE html>
<html>
<head>
<title>Web page title</title>
</head>
<body>
<h1>Write Your First Heading</h1>
<p>Write Your First Paragraph.</p>
</body>
</html>
```

F. ASSESSMENT

Write your very first webpage containing your Expectation in this class.

```
<!DOCTYPE html>
<html>
<head>
<title>My Expectation In Computer Programming</title>
</head>
<body>
<h1>My Expectation In Computer Programming</h1>
<p>I'm expecting that I would learn many things in this school year. And I'm hoping that our teacher would take care of us to make every students knowledgeable on coding, and I hope that I could finish all of the activity and performance task that the teacher would give us at ease.</p>
</body>
</html>
```

III. REFLECTION

What I have learned today is that coding is hard to do at first, but not really after getting hang of it. I also learned and memorized the snippet of HTML.

III. ASSIMILATION

```
<!DOCTYPE html>
<html>
<head>
<title>My Self Attributes</title>
</head>
<body>
  <h1>My Self Attributes</h1>
  <p>I have many attributes on my self. Because I built myself to be strong and flexible without relying too much on others. My attributes are:</p>
    <h2>Adaptability</h2>
    <p>Because of the ability on how I could easily get used on the environment I'm in to.</p>
  <br>
  <h2>Ambitious</h2>
  <p>Because I always want to achieve the things I have my goal too.</p>
  <br>
  <h2>Curiosity</h2>
  <p>Because I'm always eager to know the things I've set my curiosity upon to.</p>
  <br>
  <h2>Helpful</h2>
  <p>I'm always helpful when it comes to those whose in need, specially the one I am close too.</p>
</body>
</html>
```

III. REFLECTION

What I have learned today is that there should be a closing tag on every open element tag. But some elements doesn't require to.

Assimilation

Write a HTML Document that will display about your success stories during the Pandemic Season?

```
<!DOCTYPE html>
<html>
<head>
<title>Pandemic Season</title>
</head>
<body style="color: rgb(15, 15, 88); background-color: rgb(236, 236, 236); margin-left: 15px; margin-right: 10px;">
  <h1>My Success Through The Pandemic</h1>
  <p>There are many things that happened when the pandemic strucked, <em>almost every people can't go out their house because of the quarantine that is happening in almost every place out there</em>. Many people got to the struggle where income is a must and the most important thing in the people; as many job got and were closed due to the threat and effects of the pandemic.</p>
  <p>I end being stuck on my house during the pandemic because of the quarantine. But that doesn't mean I should just slack in our house; because I have to keep on moving to progress in my life, in order to get better. I accomplished many things during the pandemic, even on the smallest thing that I do; and I could say that was enough for me because I did try my best. And now here I am, being much better than I were yesterday.</p>
  <p>Pandemic and challenges isn't enough to stop me from being better for myself, even every people try to survive and do their best for their family even though it was all hard to do. But people can't be just stopped by the pandemic; because people are courageous and they will keep going as long as they can.</p>
</body>
</html>
```

WHAT ARE THE DIFFERENT TYPES OF COMPUTERS?

E. ASSIMILATION

Write in your words the importance of understanding computer parts.

Understanding computer parts is crucial, specially to those who are computer users or those whose profession is computer based. I myself do understand computer parts because I have a stock knowledge about the basic and some of the advance

terms. It comes in handy specially when about on knowing the specification of the computer that I am using, so I would be aware if the hardware of my computer can handle the software.

F. ASSESSMENT

Parts of Computer

- ❖ Monitor
- ❖ Speaker
- ❖ Mouse
- ❖ Printer
- ❖ Hard Disk Drive (HDD)
- ❖ Random Access Memory (RAM)
- ❖ Motherboard
- ❖ Central Processing Unit (CPU)
- ❖ Keyboard
- ❖ Computer Case

III. REFLECTION

What I have learned today is that understanding computer parts is a must, because using personal computers without having knowledge about it would be a struggle; since fixing it or upgrading it would be a problem for you. So it would be better if you have a knowledge about it, even a little would be better than nothing.

D. ASSIMILATION

In your notebook, write your own experiences and insights on the legalities in using copyrighted materials such as text, images, audio and available and how to be of good use of those said materials?

In my own experience, whenever I am using a piece of material that isn't mine especially when it's from internet, I always make a use of credits/source from the owner/website that it came from. And in my insights, putting a credits/source to the owner/website is a must, because you can just use those materials and mark them as your own, because there's a law and it isn't right to steal something that is isn't yours. Using them in a good way is a must, taking them as a source of information for school research is one of example of using them in good use.

III. REFLECTION

What I have learned today is that using a material that isn't produced by you should be handled with care, and must be credited to the owner to avoid having copyright lawsuits.

D. ASSESSMENT

Learning Task 1: Choose the letter of the best answer. Write the chosen letter on a separate sheet of paper.

1. This is a public network that connects computers and computer networks around the world through a common protocol (IP).

- a. Intranet
- b. Internet
- c. Extranet
- d. Enternet

2. It enables the exchange of electronic messages between two or more people in real time. Such as chat rooms (Gtalk, MSN, Skype, etc.) that also support nowadays video/audio/ photo communication exchange

- a. instant messaging
- b. e-mail
- c. text

d. video

3. This is the computer/ server whose entire content is visible on a website in a web browser. Web servers are constantly connected to the Internet. We access them through URL. Therefore, if we enter, for example, www.google.com in a web browser, we are accessing the Google server.

a. Web Server

b. Web browsers

c. Internet Explorer

d. Google Chrome

4. Enables browsing through websites. Its mechanisms display the content, from the server, in a correct and understandable way. As such it is an intermediary between the user and the server. (e.g. Google Chrome, Firefox, Internet Explorer, etc.)

a. Web Server

b. Web browsers

c. Internet Explorer

d. Google Chrome

5. Uniform Response _____ is another term for a web address.

a. Instruction

b. Animation

c. hyperlinks

d. Locator

Answer:

1. A
2. A
3. A
4. B
5. D

Performance Task 1:

```
<!DOCTYPE html>
<head>
  <title>Q1Comprog-Performance Task</title>
</head>
<body>
  <h1>Welcome to Computer Programming 1</h1>
</body>
```

F. ASSESSMENT

1. Add importance to the word “degradation” in the paragraph below.

```
<p>WWF's mission is to stop the <strong>degradation</strong> of our planet's natural
environment.</p>
```

2. Emphasize the word “metropolitan” in the text below.

```
<h1>Tokyo</h1>
<p>Tokyo is the capital of Japan, the most populous <em>metropolitan</em> area in the world.</p>
```

3. Highlight the word “FUN” in the text below.

```
<p>HTML is fun <mark>FUN</mark> to learn!</p>
```

D. ASSIMILATION

In your notebook, write your draft of HTML Codes with the content focuses on your favorite quotations.

```
<!DOCTYPE html>
<html>
<head>
<title>Favorite Quotations</title>
</head>
<body style="color: rgb(233, 233, 233); background-color: rgb(18, 18, 99);">
  <h1 style="text-align: center;">My Favorite Quotations</h1>
<div style="text-align: center;">
  <p style="margin-left: 20px; margin-left: 15px;">I only have a three favorite quotes, and those quotes
keeps me motivated on doing things, even if it's hard.</p>
  <br>

  <p><q>Happiness often sneaks in through a door you didn't know you left open.</q>
<br>~John Barrymore</p>

  <p><q>Sometimes the questions are complicated, and the answers are simple.</q>
<br>~Dr. Seuss</p>

  <p><q>We can complain because rose bushes have thorns, or rejoice because thorns have roses.</q>
<br>~Abraham Lincoln</p>
</div>
</body>
</html>
```

E. ASSESSMENT

Use a HTML element to add quotations marks around the letters “cool”.

```
<p>
I am so<q>cool</q>
</p>
```

III. REFLECTION

What I have learned today is that using the quotation elements were useful when to be used on the websites that focus on making a biography, since it is high likely to contain a quotations.

??? (Can't identify because of the pages that were sent isn't in order)

<http://www.worldwidelife.org/who/index.html>

```
<a href="http://www.worldwidelife.org/who/index.html">
```

For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.

E. ASSIMILATION

Create a webpage that will link three webpages and write the short description of their developers or a brief history and why they developed the said website.

- ❖ Facebook
- ❖ Yahoo!
- ❖ Google

```
<!DOCTYPE html>
<html>
<head>
<title>ASSIMILATION</title>
</head>
<body style="color: rgb(233, 233, 233); background-color: rgb(18, 18, 99);">
```

```

<h1 style="text-align: center;">Three Big Company And Their History</h1>
  <div style="margin-left: 15px; margin-right: 10px;">
    <h2>Facebook</h2>
    <p>Facebook is one of the biggest name that you could hear and see everywhere. It was created on
    February 4, 2004, it's purpose was to connect Harvard students with one another. But it was later that it
    became popular to the whole world.</p>
    <a href="https://m.facebook.com">Click here to visit their website</a>
    <br>

    <h2>Yahoo!</h2>
    <p>Yahoo! is an American web services provider. It is very popular search engine in past days. It was
    founded by Stanford university engineering students. It was a pioneer in its 1990s era.</p>
    <a href="https://www.yahoo.com">Click here to visit their website</a>
    <br>

    <h2>Google</h2>
    <p>Google is undeniably one of the most popular search engine in the world. It began as research
    project of Larry Page and his fellow student Sergey Brin. Google revolutionized the search engine game, it
    truly change the world we see it was.</p>
    <a href="https://www.google.com">Click here to visit their website</a>
  </div>
</body>
</html>

```

F. ASSESSMENT

Which is better for you absolute or relative links?

For me, absolute links is much better as it contain much more info than the relative links.

III. REFLECTION

What I have learned today is that the difference of absolute and relative links, which tell me the difference between the two. As absolute links contain more information and relative is more shorter an portable.

E. ASSESSMENT

In a sheet of paper debug the codes below:

```

<style>
a:link {
  color: green;
  background-color: transparent;
  text-decoration: none;
}
a:visited {
  color: pink;
  background-color: transparent;
  text-decoration: none;
}
a:hover {
  color: red;
  background-color: transparent;
  text-decoration: underline;
}
a:active {
  color: yellow;
  background-color: transparent;
  text-decoration: underline;
}
</style>

```

D. ASSIMILATION

Improve the codes and identify the errors.

```
<!DOCTYPE html>
```

```
<html>
<body>
  <a href="#C4">Jump to Chapter 4</a>
  <a href="#C10">Jump to Chapter 10</a>

  <h2>Chapter 1</h2>
  <p>This chapter explains bla bla bla</p>
</body>
</html>
```

E. ASSESSMENT

Create a website that will share your novel critique per chapter and utilize the HTML codes learned in this lesson.

```
<body style="color: midnightblue; background-color: aliceblue;">
  <h1>My Novel Critique on the "???"</h1>
  <a href="novel-link">Novel Name</a>
  <br>
  <h2>Chapter 1</h2>
  <p>It was good and the way the protagonist enter the scene is so...</p>
  <br>
  <h2>Chapter 2</h2>
  <p>It was thrilling to see the protagonist and his lover each other, they really are perfect to each other...</p>
  <h3>Chapter 3</h3>
  <p>It was really good, and the visuals were astonishing. Still waiting for the next chapter!</p>
</body>
```

III. REFLECTION

What I have learned today is that there are many ways to use the links in my websites. I've even learned that <a href> can be used to connect two or multiple web pages at one web page at a time.