



READ ME! **Instructions:** Follow the given lesson closely. For every step in the lesson, you will be required to attach a screenshot of your results. For posting screenshots, use Snipping Tool (**Win + Shift + S, then paste to Docs with Ctrl + V**) to keep your images neat and relevant. You may also crop your screenshots – avoid taking pictures of the entire page unless necessary. Places to insert screenshots will be marked. The first one will be done for you. Items you need to answer will be highlighted in blue. *(2 points each)*.

Lesson 2: Text Formatting, Lists, and Attributes

In our previous lesson, we learned about basic HTML elements such as headings (<h1> to <h6>), and paragraphs (<p>). These gave us the skills to build the basic structure of a webpage.

Now, we will move one step further: learning how to format text and how to use attributes to control the way elements look. If HTML elements are the “what” of the page, attributes are the “how.” They describe how something should appear or behave.

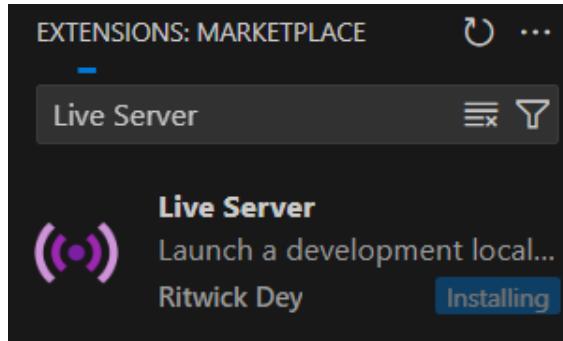
By the end of this lesson, you should be able to:

- Format text (bold, italic, underline).
- Create and understand the difference between ordered and unordered lists.
- Use attributes such as style to change text color, background color, and font.
- Combine formatting techniques to make a webpage more visually interesting.

I. Initialization

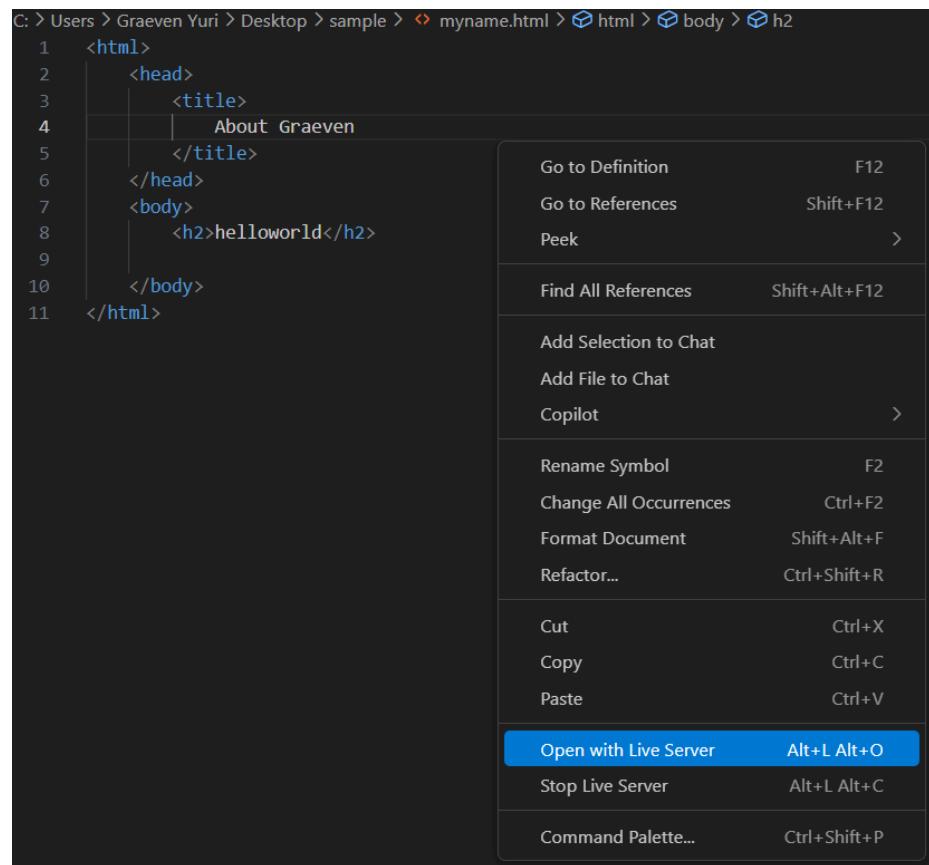
- Create a folder on your desktop called **lastname-lesson2**.
- Open this folder in VS Code.
- Create and name your html file **lastname-act2.html**
- Start your basic html structure. For your head title, name the page “[Name’s] Lesson 2”

- In Visual Studio Code, click the **Extensions** icon
- Search for and install **Live Server**, pictured below. **If prompted for an administrator password, please enter username z and password z.**





- Now, whenever you want to view your HTML page, simply right-click anywhere on the screen and select **Open With Live Server**, like so:



Screenshot:

```
< sampols.html > html
1  <html>
2    <head>Juan Dela Cruz's Lesson 2</head>
3    <body>
4    </body>
5  </html>
```

II. Text Formatting

Text formatting makes information stand out to readers. In HTML, we mainly use the following tags:

- **<p>** ... **</p>** outputs standard text
- **** ... **** makes text bold
- **<i>** ... **</i>** makes text italic
- **<u>** ... **</u>** makes text underlined

We can also employ the following:

- **<u>**: Underlines text



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- **<s>**: Strikes through
- **<mark>**: Highlights text (like a highlighter)
- **<small>**: Makes text smaller
- **<sub>**: Creates subscript (H_2O)
- **<sup>**: Creates superscript ($E=mc^2$)

To separate lines of text, we use:

- **
**

In your html file, type the following code. (*Copy paste the sample text (i.e., The five boxing wizards...) to make it quicker.*

```
<html>
  <head>Juan Dela Cruz's Lesson 2</head>
  <body>
    <p>The five boxing wizards jump quickly.</p><br>
    <b>The five boxing wizards jump quickly.</b><br>
    <i>The five boxing wizards jump quickly.</i><br>
    <u>The five boxing wizards jump quickly.</u><br>
    <s>The five boxing wizards jump quickly.</s><br>
    <mark>The five boxing wizards jump quickly.</mark><br>
    <small>The five boxing wizards jump quickly.</small><br>
    <sub>The five boxing wizards jump quickly.</sub><br>
    <sup>The five boxing wizards jump quickly.</sup><br>
  </body>
</html>
```

1. What is the resulting page? Note: Make it a habit to right click -> Open With Live Server to view your page.

Screenshot:

```
cabanting_act2.html > ...
1  <html>
2    <head> Andree Cabanting's Lesson 2</head>
3    <body>
4      <p> The five boxing wizards jump quickly. </p><br>
5      <b> The five boxing wizards jump quickly.</b><br>
6      <i> The five boxing wizards jump quickly.</i><br>
7      <u> The five boxing wizards jump quickly.</u><br>
8      <s> The five boxing wizards jump quickly.</s><br>
9      <mark> The five boxing wizards jump quickly.</mark><br>
10     <small> The five boxing wizards jump quickly.</small><br>
11     <sub> The five boxing wizards jump quickly.</sub><br>
12     <sup> The five boxing wizards jump quickly.</sup><br>
13   </body>
14 </html>
```

II.a. Mixing Up Formatting

Just like in regular typing, we can mix up our text formatting.



```
<p>In life, we must be <b>strong!</b> By being strong, we can <i>help</i> those who <u>need</u> it most.</p>
```

In the above example, we used the tags **within** each other to create the formatting we desired.

This is the result:

```
In life, we must be strong! By being strong, we can help those who need it most.
```

2. Write the **code** that will produce the following result:

```
No kidding—Lorenzo called off his trip to Mexico City just because they told him the conquistadors were extinct.
```

Screenshot of Code:

```
17  </html>
18  |
19  |   <Html>
20  |   |     <body>
21  |   |       <p><u>No kidding--</u>Lorenzo<b>called off</b>his trip to Mexico City just because they told him the conquistadors were<i>extinct.</i></p>
22  |   |     </body>
23  |   </Html>
```

III. Lists

Lists are essential for organizing information in a structured, readable format. HTML provides three main types of lists.

Unordered Lists ()

Used for items where order doesn't matter. Creates bullet points by default, and presents items as is, with no particular order.

```
<ul>
  <li>First item</li>
  <li>Second item</li>
  <li>Third item</li>
</ul>
```

- Step one
- Step two
- Step three

Ordered Lists ()

Used for items where sequence matters. Creates numbered lists by default.



```
<ol>
  <li>Step one</li>
  <li>Step two</li>
  <li>Step three</li>
</ol>
```

1. Step one
2. Step two
3. Step three

Description Lists (<dl>)

Used for term-definition pairs, like glossaries or specifications.

```
<dl>
  <dt>Information Technology</dt>
  <dd>A branch of the field that focuses on communications, technological application, and management.</dd>
  <dt>Computer Science</dt>
  <dd>A branch of the field that focuses on innovation, theoretical exploration, and research.</dd>
</dl>
```

Information Technology

A branch of the field that focuses on communications, technological application, and management.

Computer Science

A branch of the field that focuses on innovation, theoretical exploration, and research.

3-4. Using the appropriate list format, write a section in your html file that will list your usual shopping list for groceries, and your Top 3 Favorite Songs, arranged from top 1 to top 3. Show the code you wrote, not the result.

Screenshot:

```
33  <h1> My 3 Favorite songs</h1>
34  <ol>
35    <li><b>Wonderwall</b><small>Oasis</small></li>
36    <li><b>There Is a light that Never goes Out </b><small>The Smiths</small></li>
37    <li><b>Apocalypse</b><small>Ciggarttes After Sex</small></li>
38  </ol>
```

IV. Attributes

An attribute gives extra information about an element. Attributes always go inside the opening tag.

Essential Attributes

Global Attributes (work on most elements)

- **id:** Unique identifier for an element
- **class:** Groups elements for styling or scripting
- **title:** Tooltip text that appears on hover



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- **lang:** Language of the element's content
- **style:** Indicate how an element looks, usually through color, background color, and font,

Link Attributes (<a>):

- **href:** URL or location to link to
- **target:** Where to open the link (_blank for new tab)
- **download:** Forces download instead of navigation

Image Attributes ():

- **src:** Path to the image file
- **alt:** Alternative text for accessibility
- **width and height:** Dimensions in pixels
- **title:** Tooltip text

IV.a. Practicing the Style Attribute

```
<p style="color: red;">This is red text.</p>
<p style="background-color: yellow;">This has a yellow background.</p>
<p style="font-family: Calibri;">This text uses the Calibri font.</p>
```

This is red text.
This has a yellow background.
This text uses the Calibri font.

5. Go on Google and search for **hex color picker**. Drag your cursor to select any color, then copy its HEX code. Then, try changing a line of text's **font color** using your selected hex color instead of its name.

Screenshot of Code and Result:

```
<p style="color: #9433f5;">Violet kasi maangas</p>      Violet kasi maangas
```

6. Using a hex code, change the background color of your text.

Screenshot of Code and Result:

```
<p style="background-color: #32e352;"> Green na para mas maangas </p>
```

Green na para mas maangas



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7. Write an h1 header that

uses the Tahoma font.

```
<p style="font-family: Tahoma;"> ngayong ko lang alam tong tahoma</p>
```

ngayong ko lang alam tong tahoma

Screenshot of Code and Result:

8. Change your body background color to green. **Note: Change the background color back to white immediately after this one.**

```
<body style="background-color: #5fd7d9;">
```

Screenshot of Code and Result:

Andree Cabanting's Lesson 2

The five boxing wizards jump quickly.

No kidding—Lorenzo called off his trip to Mexico City just because they told him the conquistadors were extinct.

- Milk
- Meat
- eggs
- rice
- bread
- cereal
- toilet paper
- vegetable
- soap
- toothpaste
- canned goods
- noodles

My 3 Favorite songs

1. WonderwallOasis
2. There Is a light that Never goes Out The Smiths
3. ApocalypseCigarettes After Sex

Violet kasi maangas

Green na para mas maangas

ngayong ko lang alam tong tahoma

9. Write an h2 header that has one word formatted in bold, and uses a pink background.

Screenshot of Code and Result:

```
<h2 style="background-color: #e100ff;"> <b>hello</b> world</h2>
```

hello world

10. Write a description list that defines the field of Information Technology.



Screenshot of Code and

Result:

Information Technology

refers to the use of systems, software, hardware, and networks to process, manage, and transmit data. It encompasses all technologies involved in the creation, storage, manipulation, and communication of digital information.

```
<dl>
  <dt>Information Technology</dt>
  <dd> refers to the use of systems, software,
       hardware, and networks to process, manage, and transmit data. It encompasses
       all technologies involved in the creation, storage, manipulation, and communication
       of digital information.</dd>
</dl>
```

11. Write a paragraph where one word is underlined.

Screenshot of Code and Result:

The sun dipped below the horizon, casting a warm golden glow across the fields. The air was thick with the scent of fresh grass and wildflowers, a gentle breeze carrying the whispers of the trees. Birds flitted between branches, their songs a peaceful soundtrack to the quiet evening. In the distance, the sound of a river bubbling over smooth stones could be heard, adding to the tranquility of the moment. As the day faded into twilight, the world seemed to slow down, inviting anyone nearby to simply pause and appreciate the simple beauty of nature.

```
<p>The sun dipped below the horizon,
  casting a warm golden glow across the fields.
  The air was thick with the scent of fresh grass
  and wildflowers, a gentle breeze carrying
  the whispers of the trees. Birds flitted between
  branches, their songs a peaceful soundtrack to the
  quiet evening. In the distance, the sound of a
  river bubbling over smooth stones could be heard,
  adding to the <u>tranquility</u> of the moment. As the da
faded into twilight, the world seemed to slow down,
inviting anyone nearby to simply
| pause and appreciate the simple beauty of nature.</p>
```

12. Make a line of text where one word is in *italics* and another in **bold.**

The sun **dipped** below the *horizon*

Screenshot of Code and Result:

```
<p>The sun <b>dipped</b> below the <i>horizon</i></p>
```

13. Create an ordered list () with 3 things you do as part of your daily routine.

```
<ol>
  <li>Play ball</li>
  <li>Skate</li>
  <li>Gmae</li>
</ol>
```

1. Play ball
2. Skate
3. Gmae

Screenshot of Code and Result:



14. Create an unordered list
you like.

(``) of 3 kinds of food that

```
<ul>
    <li>Adobo</li>
    <li>Kare Kare</li>
    <li>Sinigang</li>
</ul>
```

- Adobo
- Kare Kare
- Sinigang

Screenshot of Code and Result:

15. Write an h3 header that uses the Courier New font.

```
<h3 style="font-family: 'Courier New',
    Courier, monospace;"> Hello Woorld</h3>
```

Screenshot of Code and Result:

Hello Woorld

16. Write an h1 header with a green background and white text color.

Screenshot of Code and Result:

```
<h1 style="background-color: #green; color: #white;">
    HELLO WORLD</h1>
```

HELLO WORLD

17. Make a line of text with one word written as a **superscript** and another as a **subscript**.

```
<h1>Here is the line of text with a
word in <sup>superscript</sup> and another
in <sub>subscript</sub></h1>
```

Screenshot of Code and Result:

Here is the line of text with a word in superscript and another in subscript

18. Write a paragraph in any color of your choice (use either a color name or a hex code).

Screenshot of Code and Result:

```
<p style="color: #pink;"> hi i am andree i
am a comp sci student
here at ub and i am an athletic person with a master
of none </p>
```

hi i am andree i am a comp sci student here at ub and i am an athletic person with a master of none



19. Make one word bold with

word as an **<h4>** header. See how the size changes.

```
<p>hello<b> world</b> hello</p>
<h4>LESGOOOOOOOO</h4>
```

Screenshot of Code and Result:

hello **world** hello

LESGOOOOOOOO

20. Create a description list (**<dl>**) that states your favorite word (**<dt>**) and its definition (**<dd>**).

Screenshot of Code and Result:

```
<dl>
  <dt> Regrets</dt>
  <dd>My regrets are just like text i shouldnt send
      feel sad, repentant, or disappointed over
      (something that has happened or been done,
      especially a loss or missed opportunity).
  </dd>
</dl>
```

Regrets

My regrets are just like text i shouldnt send feel sad, repentant, or disappointed over (something that has happened or been done, especially a loss or missed opportunity).

Submission Instructions

1. Like before, attach your **lastname-act2.html** file to the assignment in Google Classroom. You should only have **one** html file that contains all your code.
2. Download and submit this document as a **PDF** to the assignment in Google Classroom. Save it **lastname-lessonact2**.