

Lab 1: Introduction to HTML (Part 1)

1. Learn how to create a simple HTML Document.

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>Display Hello World!</h1>
<p>My first sentence is Hello World.</p>

</body>
</html>
```

Example Explained:

- The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document
- The `<html>` element is the root element of an HTML page
- The `<head>` element contains meta information about the HTML page
- The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- The `<body>` element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The `<h1>` element defines a large heading
- The `<p>` element defines a paragraph

Usage of Web Browsers

- The purpose of a web browser (Chrome, Edge, Firefox, Safari) is to read HTML documents and display them correctly.
- A browser does not display the HTML tags, but uses them to determine how to display the document:



2. HTML Comment & title:

```
<!DOCTYPE html>
<html>
<head>
<title>Learn how to make comment & new title</title>
</head>
<body>
  <!--This is a paragraph.-->
</body>
</html>
```

3. HTML headings are defined with the <h1> to <h6> tags. <h1> defines the most important heading. <h6> defines the least important heading:

```
<!DOCTYPE html>
<html>
<head>
<title>Learn HTML Heading</title>
</head>
<body>
  <h1>This is heading 1</h1>
  <h2>This is heading 2</h2>
  <h3>This is heading 3</h3>
  <h4>This is heading 4</h4>
  <h5>This is heading 5</h5>
  <h6>This is heading 6</h6>
</body>
</html>
```

4. HTML paragraphs are defined with the <p> tag:

```
<!DOCTYPE html>
<html>
<head>
<title> Learn HTML Paragraph</title>
</head>
<body>
  <p>This is a paragraph.</p>
  <p>This is another paragraph.</p>
</body>
</html>
```

5. Break a new line in HTML and make a horizontal line in the HTML Document using
, <hr>. And a big space in the paragraph using .

```
<!DOCTYPE html>
<html>
<head>
<title> Learn how to break line and make horizontal line using HTML Tag
</title>
</head>
<body>
  <p>This is a paragraph.<br>
  I like this paragraph very much.
  <hr>
  I would like to split &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; the paragraph
  using a horizontal line.
  </p>
</body>
</html>
```

6. HTML Format Style Tag, e.g.: <center>, , <i>, <u>, <sup>, <sub>

```
<!DOCTYPE html>
<html>
<head>
<title> Learn HTML formatting the font using HTML Tag </title>
</head>
<body>
  <b>This is a paragraph.</b>
  <i>This is a paragraph.</i>
  <u>This is a paragraph.</u>
  <sup>This is a paragraph.</sup>
  <sub>This is a paragraph.</sub>
  <p>
    I am learning <em>WDT</em><br>
    <strong>HTML</strong>
    <big>first</big>
    <small>class</small> now.
  </p>
</body>
</html>
```

7. Manage the font size and font family using the tag.

```
<!DOCTYPE html>
<html>
<head>
<title> Learn HTML formatting the font using HTML <font> Tag </title>
</head>
<body>
  <font size="12px">Hello i am learning font style now!</font><br />
  <font size="5pt" face="'Courier New'">Hello i am learning font style
  now!</font>
  <pre> I am abc
                                1234 567
  </pre>
</body>
</html>
```

Test yourself questions:

Create a simple HTML document as below and named it as “*First_exercise_Lab_1.html*”.

