

Assignment – 2

Getting Started With HTML

1. Write a simple program in HTML that displays the heading "HTML defines the content and structure of your website" on the web browser.

Ans: Simple HTML Program:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Display Heading</title>
</head>
<body>
  <h1>HTML defines the content and structure of your website.</h1>
</body>
</html>
```

2. Explain the purpose of comments in HTML and provide an example of how to use comments in an HTML document.

Ans: Introduction to HTML Comments:

- HTML comments are notes that may be introduced inside the HTML code of a webpage. They are not displayed in the web browser when the page is loaded, but they can be seen inside the HTML source code. Comments are beneficial for explaining the code, making notes for future reference, or quickly disabling code without deleting it.

- ```
<!DOCTYPE html>
<html>
<head>
<title>My Web Page</title>
</head>
<body>
 <h1>Welcome to web page!</h1> <!-- This is a comment -->
</body>
</html>
```

3. Write an HTML program that includes a heading, a paragraph of text, a horizontal line and a line break. Arrange these elements to create a simple web page layout.

Ans: Simple HTML Program:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>HTML Assignment</title>
</head>
<body>
 <h1>HTML (HyperText Markup Language)</h1>
 <hr>
 <p>HTML is the standard markup language for creating Web Pages.

 It is the basic building block of the World Wide Web.</p>
</body>
</html>
```

4. Write a short note on Tag and element with an example.

Ans: Introduction to Tags and Elements:

- HTML makes use of "tags" to outline the shape and layout of internet pages. Tags are the building blocks of HTML files and include brackets enclosing specific keywords. These tags offer commands to web browsers on the way to display the content material.
- An HTML tag consists of an opening tag and, in a few cases, a closing tag. The establishing tag begins with the less-than symbol (<), followed by the tag name, and ends with a greater-than symbol (>). The remaining tag is comparable, but it is usually a forward slash (/) before the tag call. Example: <b>, <i>, <u> etc.
- An element is the complete structure formed by the opening tag, the content (if any), and the closing tag. An element can also be a self-closing tag.
- <p>This is a paragraph.</p>

**5. What is the DOCTYPE Declaration in HTML?**

**Ans: Introduction to DOCTYPE Declaration:**

- The DOCTYPE declaration in HTML is used to specify the version of HTML being used in the document. It is important because it helps the browser to render the web page correctly.