

1. Write a simple program in html that displays the heading on the web browser?

```
Ans : <!DOCTYPE html>

<html lang="en">

<head>
  <title> Assignment for heading html</title>
</head>

<body>
  <h1> This is the first heading</h1>
  <h2> This is the second heading</h2>
  <h3> This is the Third heading</h3>
  <h4> This is the fourth heading</h4>
  <h5> This is the fifth heading</h5>
</body>

</html>
```

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

Ans : Comments are basically for humans, It is useful when you want to write something about the code but do not want to show that comment in output after the execution of the code. In HTML we can create comments using :---

<!------->

Example of how to use comments in html document :

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title> Assignment for heading html</title>
</head>

<body>
  <!--All the headings arev written here-->
  <h1>This is the first heading</h1>
  <h2> This is the second heading</h2>
  <h3> This is the Third heading</h3>
  <h4> This is the fourth heading</h4>
  <h5> This is the fifth heading</h5>
  <!--Hello teachers my name is Ali-->
</body>

</html>
```

3. Write an html document that includes a heading, a paragraph text, a horizontal line and a line break?

```
Ans : <!DOCTYPE html>

<html lang="en">

<head>
  <title> Assignment </title>
</head>

<body>
  <!--All the headings are written here-->
  <h1>Assignment For PW skills</h1>
  <hr />
  <p> Lorem ipsum dolor sit amet consectetur adipisicing elit. Sed,
perspiciatis.</p>
  <br />
  <h2>I like the way you teach</h2>
</body>

</html>
```

4. Write a short note on html tags and element with example?

Ans : Tags : To define the structure and layouts of web pages tags are used it also defines the building blocks of the html document this tag provide instruction to web browsers on how to display the content.

Example : opening tag - <tagname>

Closing tag - </tagname>

Tags are of two types :

- 1> Paired tags which have the opening and closing tags like <html>,<body>,<head> etc.
- 2> Singular tags which do not require a separate closing tag like ,
 etc.

Elements : Elements are the building block of an html document elements consist of a start tag defines the beginning of an html element and a closing tag defines the ending of an element. HTML element has a specific structure that defines its behaviour and appearance on a web page. Here is a breakdown of the anatomy of an HTML element:

- 1) Opening tag : (< >)
- 2) Content
- 3) Closing tag : (/)

5. What is the DOCTYPE declaration in Html?

Ans : The declaration is not a tag it is an information to the browser about what document type to expect or you can say it is a declaration that tells the browser what version of html the document is written in.