

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

```
<!DOCTYPE html>
<head>

    <title>Heading </title>
</head>

<h1>Heading H1</h1>
<h2>Heading H2</h2>
<h3>Heading H3</h3>
<h4>Heading H4</h4>
<h5>Heading H5</h5>

<body>

</body>
</html>
```

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

Ans. Comments are used to write notes for code which the other user refers to understand the code written by different programmers.

Comments in HTML are used like :<!-- Comments are written here -->

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?

```
<!DOCTYPE html>
<head>

    <title>Heading </title>
</head>

<h1>Heading H1</h1>
<h2>Heading H2</h2>
<h3>Heading H3</h3>
<h4>Heading H4</h4>
<h5>Heading H5</h5>
<!-- This comment and it is helpful for programmer to understand the
code which is written by other programmer-->

<p> This text is written inside paragraph tag
    These text will be in one paragraph
```

```
</p>
Here is one horizontal line
<hr>
Above this text there is one horizontal line and here I will use break
line tag <br> now this text will be start from new line

<body>

</body>
</html>
```

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

Tag is the building block of the html which requires opening and closing both but some tags do not require closing.

Element contain the tag with starting and ending some contents inside it and it have some attributes and properties.

5. What is the DOCTYPE declaration in HTML?

DOCTYPE declaration is instruction for the browser that which version is used for writing the html.