1. Explain the structure of an HTML document and the purpose of DOCTYPE.

**Structure of an HTML document:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

<h1>First Assignment</h1>

<p>This is first assignment</p>

</body>

</html>

1. <!DOCTYPE html>:

It is used to specify version of html.It also used to indicate that the document s written in HTML5.The latest version of HTML.

1. <html>:

This tag is the root tag.Every tag insde this tag is the part of html documents.

1. <head>:

This tag is used for giving the heading to the page.It will not display in page it will on the top of the page.

1. <title>:

This tag is used for giving the title in the page.

1. <body>:

This tag is very important tag.It contains the content of the page.Many tags will be written inside this tag.Some tag include <h1>,<p>etc…

**Purpose Of DOCTYPE:**

The purpose of doctype is used tell the browser which version of HTML the document is written in.

1. List and explain at least five common HTML tags used in website design.
2. <img>
3. <table>
4. <p>
5. <h1>-<h6>
6. <form>
7. <div>

* <img>:

It is the element of html.It is used for images. The <img> tag is used to embed an image in an HTML page. The src attribute specifies the path to the image to be displayed

* <table>:

<table> tag is used for drawing table in website.Inside this tag 3 tags are used <th>,<td>,<tr>

<th>:This tag is used for giving heading in the table.

<tr>:This tag is used for row in the table.

<td>:This tag is used for putting data in the table.

* <p>:

<p> tag is used for giving the paragraph in the content.

<p>tag is the block element in the html.

* <form>:

In html form tag is used to collect user input.

Form tag is the block element.

1. Describe the difference between block-level and inline elements in HTML.

|  |  |
| --- | --- |
| **Block elements** | **Inline element** |
| Block elements occupies whole row in the web page... | Inline element does not occupies whole row in web page.. |
| Block elements always start in new line.. | Inline element does not start in new line... |
| Block elements have top and bottom margin | Inline elements don't have top and bottom margin.. |
| Example of block elements are <hr>,<div>,<h1>to<h6> etc..... | Example of inline tag are <strong>,<b>,<img> etc..... |