Getting started with HTML and Emmet

Q.3

Tags in HTML

An HTML tag is a piece of markup language used to indicate the beginning and end of an HTML element in an HTML document. As part of an HTML element, HTML tags help web browsers convert HTML documents into web pages.

Elements in HTML

They form the basis of creating a web page and putting contents in that webpage. There are two types of elements namely inline element and block element

Attributes in HTML

<form> is used for getting submission through webpages

'Alt' is used for displaying an alternate text when original element fails to display.

Q4.

All tags are closed within these braces < >.

1. **Heading Tag:**
   <h1> </h1> is used to write heading by placing content in between.

2. **Paragraph tag:**

   <p></p>

3.HTML Image and Object Tags

<img>, <area>, <map>, <param> and <object>

Q7.

Nesting operators are used to position abbreviation elements inside generated tree: whether it should be placed inside or near the context element.

Child operator:

">" is child operator

div>ul>li will produce

```
<div>
    <ul>
        <li></li>
    </ul>
</div>
```

Sibling operator: +

```
Div +p +br will produce:
<div></div>

    <p></p>
    <br>
```

Q.5

Emmet In HTML

It allows you to type shortcuts that are then expanded into full pieces of code. By using Emmet, developers type less, they save both on keystrokes and time.
It allows you to write CSS faster by using abbreviations that expand into full code.

Q.9

Self-closing tags are tags which are closed and we do not have to do it manually, Not like </tag>

<img />, <input />, <br />, <hr />, etc.

The `<meta>` tag defines metadata about an HTML document. Metadata is data (information) about data.

`<meta>` tags always go inside the <head> element, and are typically used to specify character set, page description, keywords, author of the document, and viewport settings.

Q.10

The global attributes are attributes that can be used with all HTML elements.

Id : Used for specifying an element

Class : Specifies about unique classname of an elment

Lang : tells about lang of content

Title : gives extra information about an element

Translate : Specifies whether content will be translated or not.