

# ASSIGNMENT-1

a. What are differences between <head>, <h1> and <header> tags?

- **<head>**

<head> tag, at the top of your page containing meta-tags, styles, scripts & title.

Code:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <title>My Web Page</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <!-- Content goes here -->
</body>
</html>
```

- **<h1>**

<h1> tag (heading tag) is those who allow us to size our text, use to define & contain main topic of the page.

Code:

```
<h1>Main Heading</h1>
<p>This is some content under the main heading. </p>
<h2>Subheading</h2>
<p>More content under the subheading. </p>
```

- **<header>**

Code:

```
<header>
```

```
<h1>My Website</h1>
<nav>
  <ul>
    <li><a href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/contact">Contact</a></li>
  </ul>
</nav>
</header>
<main>
  <!-- Main content goes here -->
</main>
```

<header> tag is used to define a container for introductory content and set of navigational links

#### b. [How to validate the textbox valid email id in HTML4? How to perform email validation in JavaScript?](#)

HTML4 doesn't provide built-in email validation, so you'll need to rely on JavaScript or server-side validation for full email address validation. In HTML4, we can use the type of attribute with the value "email" for an <input> element to hint that the input is expected to be an email address.

#### **FOR HTML:**

```
<form>
  <input type="email" name="email" id="email">
  <input type="submit" value="Submit">
</form>
```

#### c. [What are cookies in web applications?](#)

Cookies in web applications are small pieces of data stored on a user's device, typically by a web server. They are used to store information like user preferences, session identifiers, and tracking data. Cookies help websites remember user actions and settings, enabling a more personalized and seamless browsing experience.