ASSIGNMENT 04

Introduction to Asynchronous Programming, Event Loop , Callbacks, setTimeout, setInterval.

Assignment: Discussion App.

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Discussion App</title>
  <style>
    #messages { border: 1px solid #ddd; padding: 10px; height: 150px; overflow-y: scroll; }
    .message { margin-bottom: 10px; padding: 5px; background: #f9f9f9; }
  </style>
</head>
<body>
  <h1>Discussion App</h1>


  <input type="text" id="message" placeholder="Type your message">
  <button onclick="postdiscussion()">Post Discusssion</button>


  <div id="messages"></div>

  <script>

    function postdiscussion() {
      let mtext = document.getElementById('message').value;
      if (mtext === "") {
        alert("Please enter a message.");
        return;
      }

      setTimeout(() => {
        let mdiv = document.createElement('div');
        mdiv.classList.add('message');
        mdiv.textContent = mtext;

        document.getElementById('messages').appendChild(mdiv);

        document.getElementById('message').value = "";
      }, 2000);
    }
  </script>
```

```
</body>
</html>
```

OUTPUT

Discussion App

Type your message   Post Discusssion

Hi Deesha

How are you?

I am fine. Hope you are well