PROGRAM

```
<!DOCTYPE html>

<html lang="en"> <head>

  <meta charset="UTF-8">

  <title>User Authentication (Frontend Only)</title>

  <style>

   Body {

     Font-family: Arial, sans-serif;

     Background: linear-gradient(135deg, #667eea, #764ba2);

     Color: #fff;

     Display: flex;

     Justify-content: center;

     Align-items: center;

     Height: 100vh;

   }

   .container {

     Background: rgba(255, 255, 255, 0.1);

     Padding: 30px;

     Border-radius: 12px;

     Width: 300px;
```

```css
      Text-align: center;
    }
    Input {
      Width: 90%;
      Padding: 10px;
      Margin: 10px 0;
      Border: none;
      Border-radius: 5px;
    }
    Button {
      Padding: 10px 20px;
      Background: #4CAF50;
      Color: white;
      Border: none;
      Border-radius: 5px;
      Cursor: pointer;
    }
    Button:hover {
      Background: #45a049;
    }
    .message {
      Margin-top: 10px;
      Font-size: 14px;
    }
  </style>
```

```html
</head>
<body>
  <div class="container">
    <h2>User Authentication</h2>
    <input type="text" id="username" placeholder="Username" />
    <input type="password" id="password" placeholder="Password" />
    <button onclick="register()">Register</button>
    <button onclick="login()">Login</button>
    <div class="message" id="message"></div>
  </div>
  <script>
    Function register() {
      Const username = document.getElementById("username").value.trim();
      Const password = document.getElementById("password").value.trim();

      If (!username || !password) {
showMessage("Please enter both fields!", "red");
        return;
      }
      If (localStorage.getItem(username)) {
showMessage("User already exists!", "orange");
        return;
      }
```

```
    // Save user credentials (insecure simulation)
localStorage.setItem(username,                    password);
showMessage("User registered successfully!", "lightgreen");
  }
  Function login() {
    Const username = document.getElementById("username").value.trim();
    Const password = document.getElementById("password").value.trim();

    Const storedPassword = localStorage.getItem(username);      If
(!storedPassword) {        showMessage("User not found! Please
register first.", "orange");
      return;
    }
    If (storedPassword === password) {
showMessage("Login successful! 🎉", "lightgreen");      } else
{

      showMessage("Incorrect password!", "red");
    }
  }
  Function showMessage(text, color) {
    Const msg = document.getElementById("message");
    Msg.textContent = text;
    Msg.style.color = color;
  }
```

```
    </script>

</body>

</html>
```