

## Login.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>User Login</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="container">
    <h2>User Login</h2>
    <form id="loginForm">
      <input type="email" id="loginEmail" placeholder="Email Address"
required>
      <input type="password" id="loginPassword" placeholder="Password"
required>
      <button type="submit">Login</button>
    </form>
    <p>New user? <a href="register.html">Register here</a></p>
  </div>
  <script src="script.js"></script>
</body>
</html>
```

## User.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registered Users</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="container">
    <h2>Registered Users</h2>
    <ul id="userList"></ul>
    <button onclick="window.location.href='login.html'">Logout</button>
  </div>
  <script>
    let users = JSON.parse(localStorage.getItem("users")) || [];
```

```
    let userList = document.getElementById("userList");

    users.forEach(user => {
        let li = document.createElement("li");
        li.textContent = `${user.name} - ${user.email}`;
        userList.appendChild(li);
    });
</script>
</body>
</html>
```

### CSS Code:

```
body {
    font-family: 'Roboto', sans-serif;
    margin: 20px;
    background-color: #f3f8ff;
    color: #333;
}

h1 {
    text-align: center;
    color: #0066cc;
}

form {
    max-width: 400px;
    margin: auto;
    background-color: #fff;
    padding: 20px;
    border: 1px solid #ddd;
    border-radius: 8px;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}

input {
    display: block;
    width: 100%;
    margin-bottom: 15px;
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 5px;
    font-size: 14px;
}
```

```
input: focus {  
    border-color: #0066cc;  
    outline: none;  
    box-shadow: 0 0 5px rgba(0, 102, 204, 0.5);  
}
```

```
button {  
    padding: 12px 20px;  
    background-color: #0066cc;  
    color: white;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
    font-size: 16px;  
}
```

```
button: hover {  
    background-color: #004d99;  
}
```

```
table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-top: 40px;  
    background-color: #fff;  
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);  
}
```

```
table, th, td {  
    border: 1px solid #ddd;  
}
```

```
th, td {  
    padding: 12px;  
    text-align: left;  
    font-size: 14px;  
}
```

```
th {  
    background-color: #0066cc;  
    color: white;  
}
```

```
tr: nth-child(even) {  
    background-color: #f2f2f2;
```

```
}
```

## JavaScript :

```
document.getElementById("registerForm")?.addEventListener("submit", function (e)
{
    e.preventDefault();

    let name = document.getElementById("name").value;
    let email = document.getElementById("email").value;
    let password = document.getElementById("password").value;

    let users = JSON.parse(localStorage.getItem("users")) || [];

    // Check if the email already exists
    let existingUser = users.find(user => user.email === email);
    if (existingUser) {
        alert("User with this email already exists!");
        return;
    }

    let newUser = { name, email, password };
    users.push(newUser);

    localStorage.setItem("users", JSON.stringify(users));

    alert("Registration successful! You can now log in.");
    window.location.href = "login.html";
});

// User Login
document.getElementById("loginForm")?.addEventListener("submit", function (e) {
    e.preventDefault();

    let email = document.getElementById("loginEmail").value;
    let password = document.getElementById("loginPassword").value;

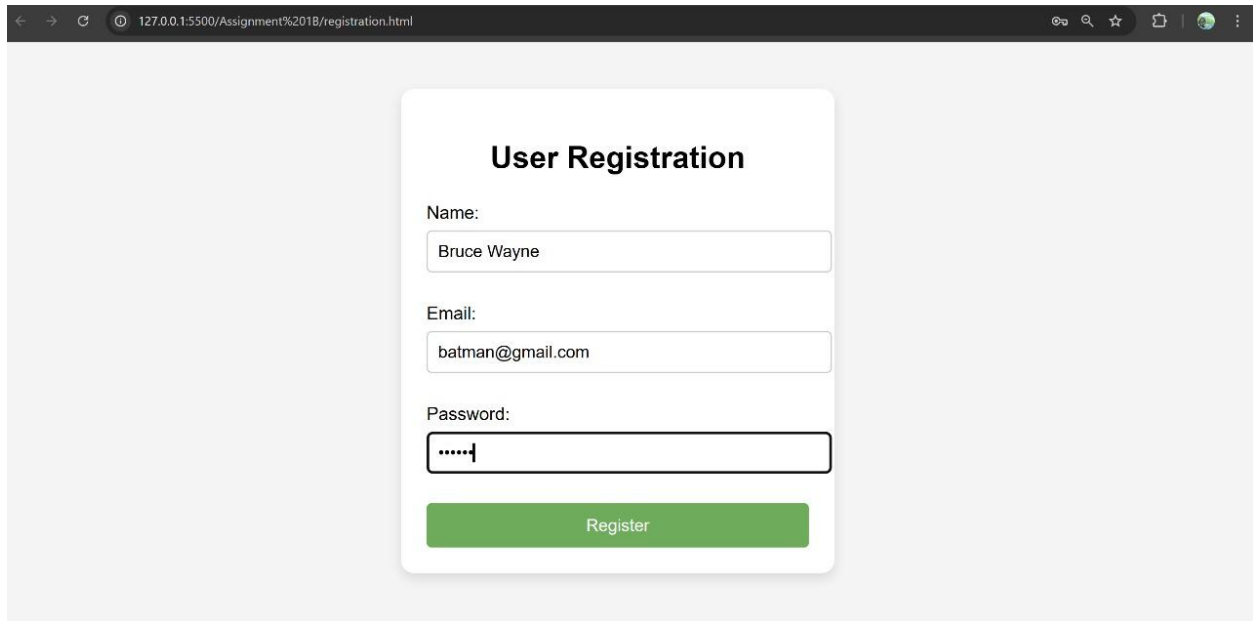
    let users = JSON.parse(localStorage.getItem("users")) || [];

    let validUser = users.find(user => user.email === email && user.password ===
password);

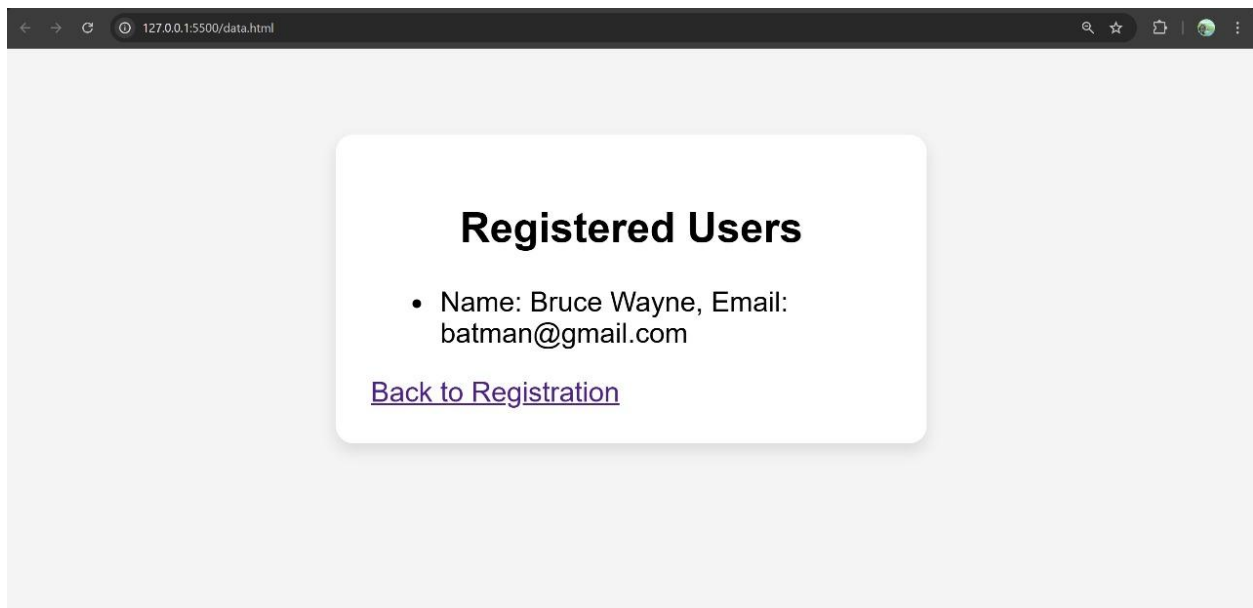
    if (validUser) {
        alert("Login successful! Welcome " + validUser.name);
        window.location.href = "users.html"; // Redirect to user list page
    } else {
```

```
        alert("Invalid email or password!");  
    }  
});
```

## Output:



A screenshot of a web browser window displaying a "User Registration" form. The browser's address bar shows the URL "127.0.0.1:5500/Assignment%2018/registration.html". The form is centered on a light gray background and consists of a white card with rounded corners. The card has a title "User Registration" in bold black text. Below the title are three input fields: "Name:" with the value "Bruce Wayne", "Email:" with the value "batman@gmail.com", and "Password:" with masked characters ".....". A green "Register" button is positioned at the bottom of the card.



A screenshot of a web browser window displaying a "Registered Users" confirmation page. The browser's address bar shows the URL "127.0.0.1:5500/data.html". The page features a white card with rounded corners on a light gray background. The card has a title "Registered Users" in bold black text. Below the title is a bulleted list containing the text "Name: Bruce Wayne, Email: batman@gmail.com". At the bottom of the card is a blue, underlined link that reads "Back to Registration".

