

**LAPORAN PRAKTIKUM
PEMROGRAMAN BERBASIS OBJEK
PERTEMUAN 11**



Disusun oleh :

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**PROGRAM STUDI S1 TEKNIK INFORMATIKA
FAKULTAS INFORMATIKA
UNIVERSITAS TEKNOLOGI TELKOM PURWOKERTO
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MODUL 11

Tugas buat Web :

Source Code :

tampilanlogin.html

```
tampilanlogin.html X
tampilanlogin.html > html > body
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Menu login</title>
7      <link rel="stylesheet" href="tampilanlogin.css">
8  </head>
9  <body>
10     <div class="login-container">
11         <h2>Login</h2>
12         <form id="loginForm">
13             <div class="input-group">
14                 <label for="username">Username</label>
15                 <input type="text" id="username" placeholder="Enter your username" required>
16             </div>
17             <div class="input-group">
18                 <label for="password">Password</label>
19                 <input type="password" id="password" placeholder="Enter your password" required>
20             </div>
21             <button type="submit">Login</button>
22             <div class="message" id="message"></div>
23         </form>
24     </div>
25
26     <script src="tampilanlogin.js"></script>
27 </body>
28 </html>
```

tampilanlogin.css

tampilanlogin.css X

tampilanlogin.css > body

```
1  body {
2      font-family: Arial, sans-serif;
3      background-color: #007bff;
4      display: flex;
5      justify-content: center;
6      align-items: center;
7      min-height: 100vh;
8      margin: 0;
9  }
10
11  .login-container {
12      background-color: #fff;
13      padding: 30px;
14      border-radius: 8px;
15      box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
16      width: 350px;
17      text-align: center;
18  }
19
20  h2 {
21      margin-bottom: 25px;
22      color: #333;
23  }
24
25  .input-group {
26      margin-bottom: 20px;
27      text-align: left;
28  }
29
30  .input-group label {
31      display: block;
32      margin-bottom: 8px;
33      color: #555;
34      font-weight: bold;
35  }
```

```

36
37 .input-group input[type="text"],
38 .input-group input[type="password"] {
39     width: calc(100% - 20px); /* Adjust for padding */
40     padding: 10px;
41     border: 1px solid #ddd;
42     border-radius: 4px;
43     font-size: 16px;
44 }
45
46 button {
47     background-color: #007bff;
48     color: white;
49     padding: 12px 20px;
50     border: none;
51     border-radius: 4px;
52     cursor: pointer;
53     font-size: 18px;
54     width: 100%;
55     transition: background-color 0.3s ease;
56 }
57
58 button:hover {
59     background-color: #0056b3;
60 }
61
62 .message {
63     margin-top: 20px;
64     padding: 10px;
65     border-radius: 4px;
66     display: none; /* Hidden by default */
67     font-weight: bold;
68 }
69
70 .message.success {
71     background-color: #d4edda;
72     color: #155724;
73     border: 1px solid #c3e6cb;
74 }
75
76 .message.error {
77     background-color: #f8d7da;
78     color: #721c24;
79     border: 1px solid #f5c6cb;
80 }

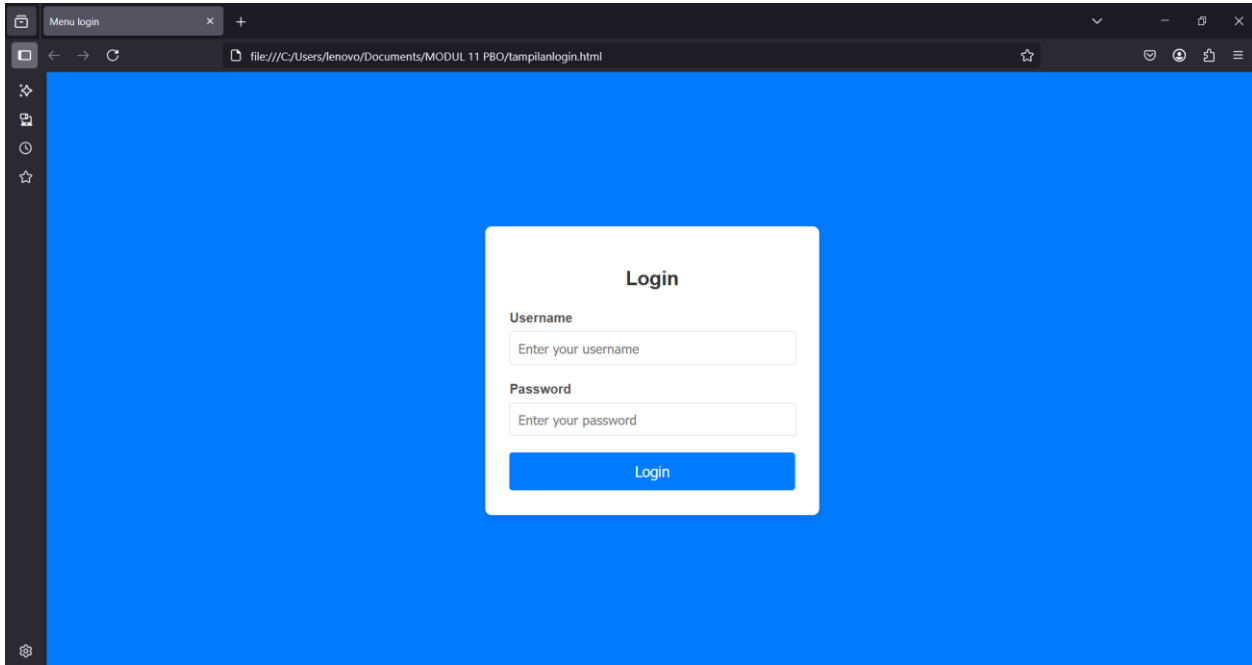
```

tampilanlogin.js

JS tampilanlogin.js X

```
JS tampilanlogin.js > document.addEventListener('DOMContentLoaded') callback > showMessage > setTimeout() callback
1  document.addEventListener('DOMContentLoaded', () => {
2      const loginForm = document.getElementById('loginForm');
3      const usernameInput = document.getElementById('username');
4      const passwordInput = document.getElementById('password');
5      const messageDiv = document.getElementById('message');
6
7      loginForm.addEventListener('submit', (event) => {
8          event.preventDefault(); // Prevent default form submission
9
10         const username = usernameInput.value.trim();
11         const password = passwordInput.value.trim();
12
13         // Simple client-side validation and interaction
14         if (username === '' || password === '') {
15             showMessage('Username and password cannot be empty.', 'error');
16         } else if (username === 'user' && password === 'password') {
17             showMessage('Login successful!', 'success');
18             // In a real application, you would redirect the user or load dashboard
19             setTimeout(() => {
20                 alert('Welcome, user!');
21                 // Example: window.location.href = '/dashboard.html';
22             }, 1500);
23         } else {
24             showMessage('Invalid username or password.', 'error');
25         }
26     });
27
28     function showMessage(msg, type) {
29         messageDiv.textContent = msg;
30         messageDiv.className = `message ${type}`; // Add type class (success/error)
31         messageDiv.style.display = 'block'; // Show the message
32
33         // Optionally hide the message after a few seconds
34         setTimeout(() => {
35             messageDiv.style.display = 'none';
36             messageDiv.textContent = '';
37             messageDiv.className = 'message'; // Reset class
38         }, 3000);
39     }
40 });
```

Output :



Penjelasan Program :

Program ini merupakan sebuah halaman login sederhana berbasis web yang terdiri dari tiga berkas utama, yaitu tampilanlogin.html, tampilanlogin.css, dan tampilanlogin.js. Berkas HTML berfungsi sebagai struktur utama tampilan, di mana terdapat form login dengan dua input, yaitu username dan password, serta tombol login. Pada bagian kepala dokumen, disisipkan metadata standar HTML5 dan pemanggilan file CSS eksternal untuk memperindah tampilan. File CSS mendefinisikan gaya visual halaman, seperti pewarnaan latar belakang, penataan posisi form agar berada di tengah layar, serta desain elemen input dan tombol agar terlihat modern dan responsif. Sementara itu, file JavaScript menangani logika interaktif saat pengguna mengisi dan mengirim form login. JavaScript memeriksa apakah input kosong, dan jika sesuai dengan data yang ditentukan (yaitu username "Febrian" dan password "12345"), maka akan menampilkan pesan sukses dan memberi alert selamat datang.