**LAPORAN PRAKTIKUM PEMROGRAMAN WEB 1 MODUL 4&5**

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**Disusun oleh:**

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**PROGRAM STUDI TEKNIK INFORMATIKA FAKULTAS ILMU KOMPUTER UNIVERSITAS KUNINGAN**

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**TUGAS**

1. Buat form Login dengan menggunakan Javascript untuk pengecekan username dan password. Jika username admin dan password 123 maka menampilkan alert/pesan : Login Sukses dan membuka file index.html, jika salah maka menampilkan alert/pesan

: Login Gagal dan membuka Kembali file Login.html Source Code:

<!DOCTYPE *html*>

<html *lang*="en">

<head>

<meta *charset*="UTF-8">

<meta *name*="viewport" *content*="width=device-width, initial-scale=1.0">

<title>Login</title>

<style> body {

font-family: Arial, sans-serif; display: flex;

justify-content: center; align-items: center; height: 100vh;

background-color: #f0f0f0;

}

*.login-form* { background: white; padding: 20px; border-radius: 10px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

*.login-form* input { width: 100%; padding: 10px; margin: 10px 0;

border: 1px solid #ccc;

border-radius: 5px;

}

*.login-form* button { width: 100%; padding: 10px;

background-color: #007bff; color: white;

border: none; border-radius: 5px; cursor: pointer;

}

*.login-form* button*:hover* { background-color: #0056b3;

}

</style>

</head>

<body>

<div *class*="login-form">

<h2>Login</h2>

<form *onsubmit*="return validateLogin()">

<input *type*="text" *id*="username" *placeholder*="Username" *required* />

<input *type*="password" *id*="password" *placeholder*="Password" *required* />

<button *type*="submit">Login</button>

</form>

</div>

<script>

*function* validateLogin() {

*const* username = document.getElementById('username').value;

*const* password = document.getElementById('password').value;

if (username === 'syifa' && password === '123') { alert('Login Sukses');

window.location.href = 'index.html';

return false; *// Prevents the form from submitting*

} else {

alert('Login Gagal'); window.location.href = 'login.html';

return false; *// Prevents the form from submitting*

}

}

</script>

</body>

</html>

File index.html

<!DOCTYPE *html*>

<html *lang*="en">

<head>

<meta *charset*="UTF-8">

<meta *name*="viewport" *content*="width=device-width, initial-scale=1.0">

<title>Index</title>

</head>

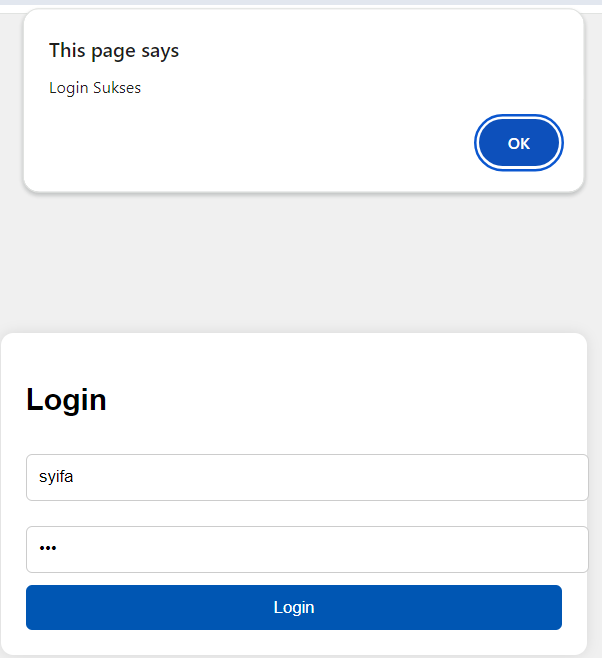
<body>

<h1>Selamat datang di Halaman Utama!</h1>

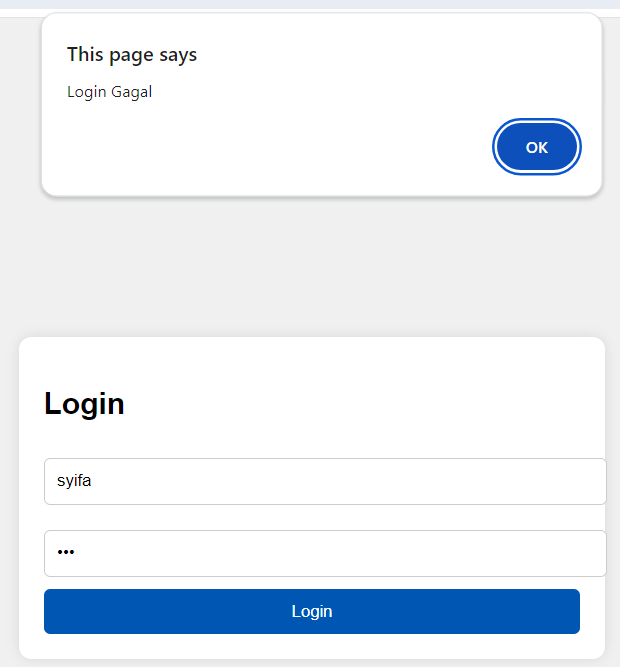
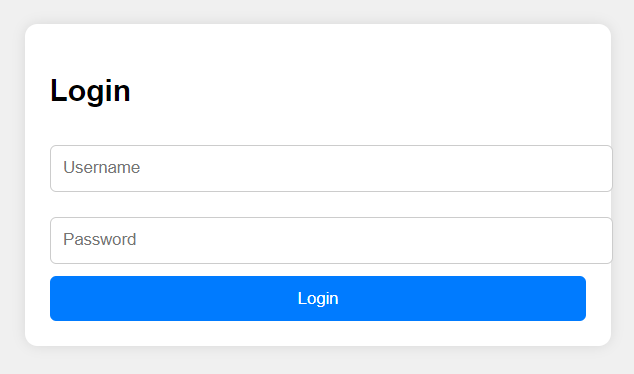
</body>

</html>

Outputnya:

Jika username dan password benar

Jika password salah



1. Buat form validasi untuk form tambah data kamar dan tambah data fasilitas. Source Code:

<!DOCTYPE *html*>

<html *lang*="en">

<head>

<meta *charset*="UTF-8">

<meta *name*="viewport" *content*="width=device-width, initial-scale=1.0">

<title>Tambah Data Fasilitas</title>

<style> body {

font-family: Arial, sans-serif; display: flex;

justify-content: center; align-items: center; height: 100vh;

background-color: #f0f0f0;

}

*.form-container* { background: white; padding: 20px; border-radius: 10px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1); width: 400px;

}

*.form-container* input, *.form-container* textarea, *.form-container* button { width: 100%;

padding: 10px; margin: 10px 0; border: 1px solid #ccc; border-radius: 5px;

}

*.form-container* button { background-color: #007bff; color: white;

border: none; cursor: pointer;

}

*.form-container* button*:hover* { background-color: #0056b3;

}

</style>

</head>

<body>

<div *class*="form-container">

<h2>Tambah Data Fasilitas</h2>

<form *id*="formFasilitas" *onsubmit*="return validateFasilitas()">

<input *type*="text" *id*="namaFasilitas" *placeholder*="Nama Fasilitas" *required* />

<textarea *id*="deskripsiFasilitas" *placeholder*="Deskripsi Fasilitas" *rows*="4" *required*></textarea>

<button *type*="submit">Simpan</button>

</form>

</div>

<script>

*function* validateFasilitas() {

*const* namaFasilitas = document.getElementById('namaFasilitas').value.trim();

*const* deskripsiFasilitas = document.getElementById('deskripsiFasilitas').value.trim();

if (namaFasilitas === '') { alert('Nama fasilitas harus diisi'); return false;

}

if (deskripsiFasilitas === '') { alert('Deskripsi fasilitas harus diisi'); return false;

}

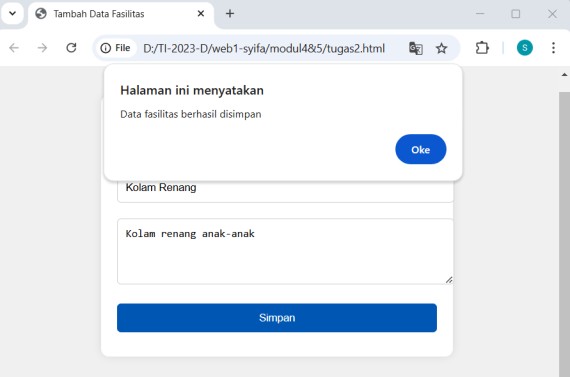
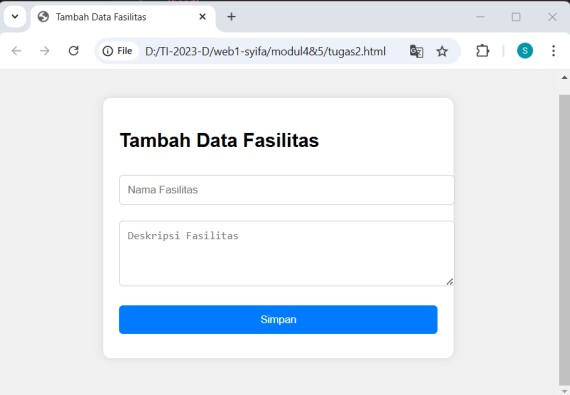
alert('Data fasilitas berhasil disimpan'); return true;

}

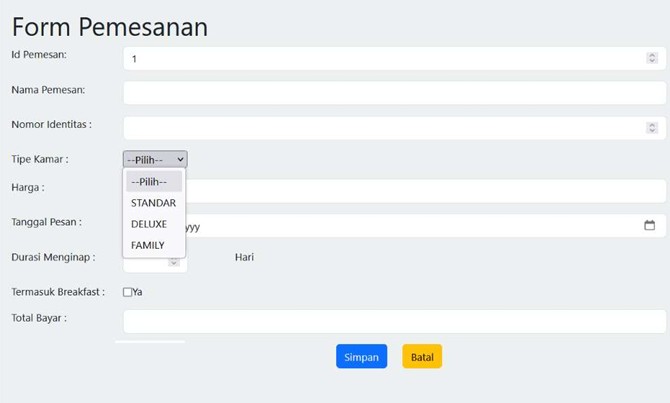
</script>

</body>

</html> Outputnya:



1. Buat perhitungan untuk form pemesanan sebagai berikut :



|  |  |
| --- | --- |
| **Komponen** | **Aturan** |
| Nama Pemesan | Isi dengan nama pemesan |
| Jenis Kelamin | Pilih laki-laki atau perempuan |
| Nomor Identitas | Isi dengan angka 16 digit, jika tidak maka  muncul pesan “osian salah, harus 6 digit” |
| Tipe Kamar | Pilih standar, deluxe, family |
| Harga | Harga berdasarkan tipe kamar |
| Tanggal Pesan | Isi dengan tanggal dengan format  dd/mm/yyyy |
| Durasi Menginap | Diisi angka, jika bukan angka muncul  pesan |
| Termasuk Breakfast | Cekbox dicentang berarti ya |
| Total Bayar | Hitung total bayar:  Jika lama menginap >3 hari, diskon 10% Jika pilih breakfast, tambahan 80.000 |

Setelah menekan tombol simpan, menampilkan data resume pemesanan, berisi nama pemesan, nomor identitas, jenis kelamin, tipe kamar, durasi penginapan, diskon dan total bayar.

Source Code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Form Pemesanan</title>

<style> body {

font-family: Arial, sans-serif; background-color: #f9f9f9; margin: 0;

padding: 0; display: flex;

justify-content: center; align-items: center; height: 100vh;

}

.form-container { background: white; padding: 20px 30px; border-radius: 10px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

width: 100%;

max-width: 500px;

}

.form-container h2 { text-align: center; margin-bottom: 20px;

}

.form-container label { font-weight: bold; display: block; margin-bottom: 5px;

}

.form-container input,

.form-container select,

.form-container button { width: 100%;

padding: 10px; margin-bottom: 15px;

border: 1px solid #ccc; border-radius: 5px; font-size: 14px;

}

.form-container input[type="checkbox"] { width: auto;

margin-right: 10px;

}

.form-container button { background-color: #28a745; color: white;

border: none; cursor: pointer; font-size: 16px;

}

.form-container button:hover {

background-color: #218838;

}

.resume-container { margin-top: 20px; background-color: #ffffff; padding: 20px;

border-radius: 10px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

.resume-container h3 { text-align: center; margin-bottom: 15px;

}

</style>

</head>

<body>

<div class="form-container">

<h2>Form Pemesanan</h2>

<form id="formPemesanan" onsubmit="return hitungTotalBayar()">

<label for="namaPemesan">Nama Pemesan</label>

<input type="text" id="namaPemesan" placeholder="Masukkan nama pemesan" required />

<label for="jenisKelamin">Jenis Kelamin</label>

<select id="jenisKelamin" required>

<option value="">-- Pilih Jenis Kelamin --</option>

<option value="Laki-Laki">Laki-Laki</option>

<option value="Perempuan">Perempuan</option>

</select>

<label for="nomorIdentitas">Nomor Identitas</label>

<input type="text" id="nomorIdentitas" placeholder="Masukkan nomor identitas (16 digit)" maxlength="16" required />

<label for="tipeKamar">Tipe Kamar</label>

<select id="tipeKamar" onchange="updateHarga()" required>

<option value="">-- Pilih Tipe Kamar --</option>

<option value="Standar">Standar</option>

<option value="Deluxe">Deluxe</option>

<option value="Family">Family</option>

</select>

<label for="harga">Harga (per malam)</label>

<input type="text" id="harga" readonly />

<label for="tanggalPesan">Tanggal Pesan</label>

<input type="date" id="tanggalPesan" required />

<label for="durasiMenginap">Durasi Menginap (Hari)</label>

<input type="number" id="durasiMenginap" placeholder="Masukkan jumlah hari" min="1" required />

<label>

<input type="checkbox" id="breakfast" /> Termasuk Breakfast (+80,000)

</label>

<label for="totalBayar">Total Bayar</label>

<input type="text" id="totalBayar" readonly />

<button type="submit">Simpan</button>

</form>

<div id="resumePemesanan" class="resume-container" style="display: none;">

<h3>Resume Pemesanan</h3>

<p><strong>Nama Pemesan:</strong> <span id="resumeNamaPemesan"></span></p>

<p><strong>Nomor Identitas:</strong> <span id="resumeNomorIdentitas"></span></p>

<p><strong>Jenis Kelamin:</strong> <span id="resumeJenisKelamin"></span></p>

<p><strong>Tipe Kamar:</strong> <span id="resumeTipeKamar"></span></p>

<p><strong>Durasi Menginap:</strong> <span id="resumeDurasi"></span> hari</p>

<p><strong>Diskon:</strong> <span id="resumeDiskon"></span>%</p>

<p><strong>Total Bayar:</strong> Rp <span id="resumeTotalBayar"></span></p>

</div>

</div>

<script>

function updateHarga() {

const tipeKamar = document.getElementById('tipeKamar').value; const hargaField = document.getElementById('harga');

let harga = 0;

if (tipeKamar === 'Standar') harga = 500000; else if (tipeKamar === 'Deluxe') harga = 700000;

else if (tipeKamar === 'Family') harga = 1000000;

hargaField.value = harga.toLocaleString('id-ID');

}

function hitungTotalBayar() {

const namaPemesan = document.getElementById('namaPemesan').value.trim(); const jenisKelamin = document.getElementById('jenisKelamin').value;

const nomorIdentitas = document.getElementById('nomorIdentitas').value.trim();

const tipeKamar = document.getElementById('tipeKamar').value;

const harga = parseInt(document.getElementById('harga').value.replace(/\./g, ''), 10);

const durasiMenginap = parseInt(document.getElementById('durasiMenginap').value, 10);

const breakfast = document.getElementById('breakfast').checked;

if (isNaN(nomorIdentitas) || nomorIdentitas.length !== 16) { alert('Nomor identitas harus berupa angka 16 digit');

return false;

}

if (!namaPemesan || !jenisKelamin || !tipeKamar || isNaN(harga) || isNaN(durasiMenginap)) {

alert('Harap lengkapi semua data'); return false;

}

let totalBayar = harga \* durasiMenginap; let diskon = 0;

if (durasiMenginap > 3) { diskon = 10;

totalBayar \*= 0.9;

}

if (breakfast) { totalBayar += 80000;

}

document.getElementById('totalBayar').value = totalBayar.toLocaleString('id- ID');

// Tampilkan data resume document.getElementById('resumeNamaPemesan').innerText = namaPemesan; document.getElementById('resumeNomorIdentitas').innerText = nomorIdentitas; document.getElementById('resumeJenisKelamin').innerText = jenisKelamin; document.getElementById('resumeTipeKamar').innerText = tipeKamar; document.getElementById('resumeDurasi').innerText = durasiMenginap; document.getElementById('resumeDiskon').innerText = diskon; document.getElementById('resumeTotalBayar').innerText =

totalBayar.toLocaleString('id-ID'); document.getElementById('resumePemesanan').style.display = 'block';

return false;

}

</script>

</body>

</html>

Outputnya:

