Tugas Latihan 3

Lab Pemrograman WEB

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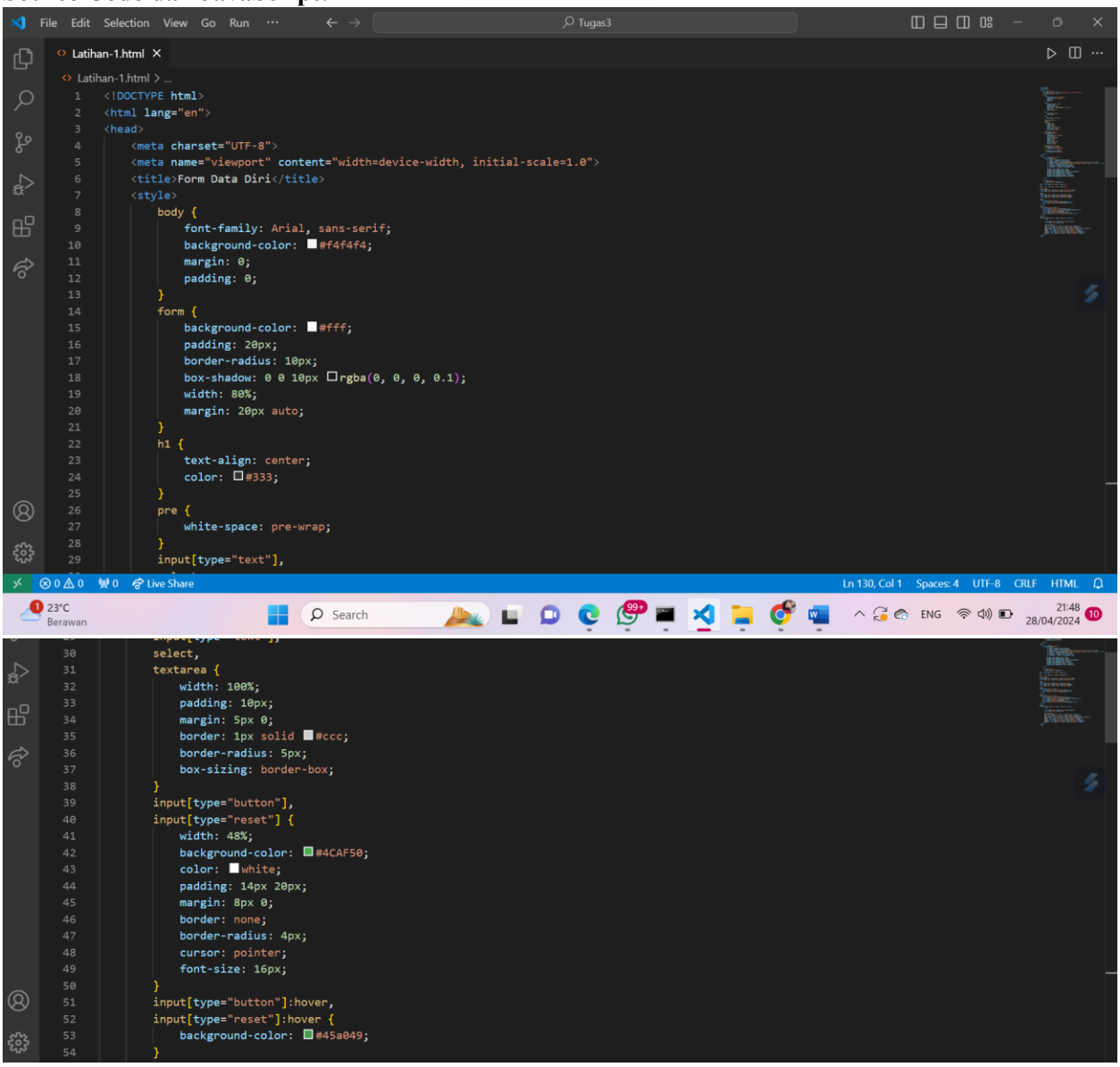
NPM : 222310015

Hasil Pengerjaan Soal Latihan 3.3 (Soal modul Pemrograman Web)

1. **Latihan-1**

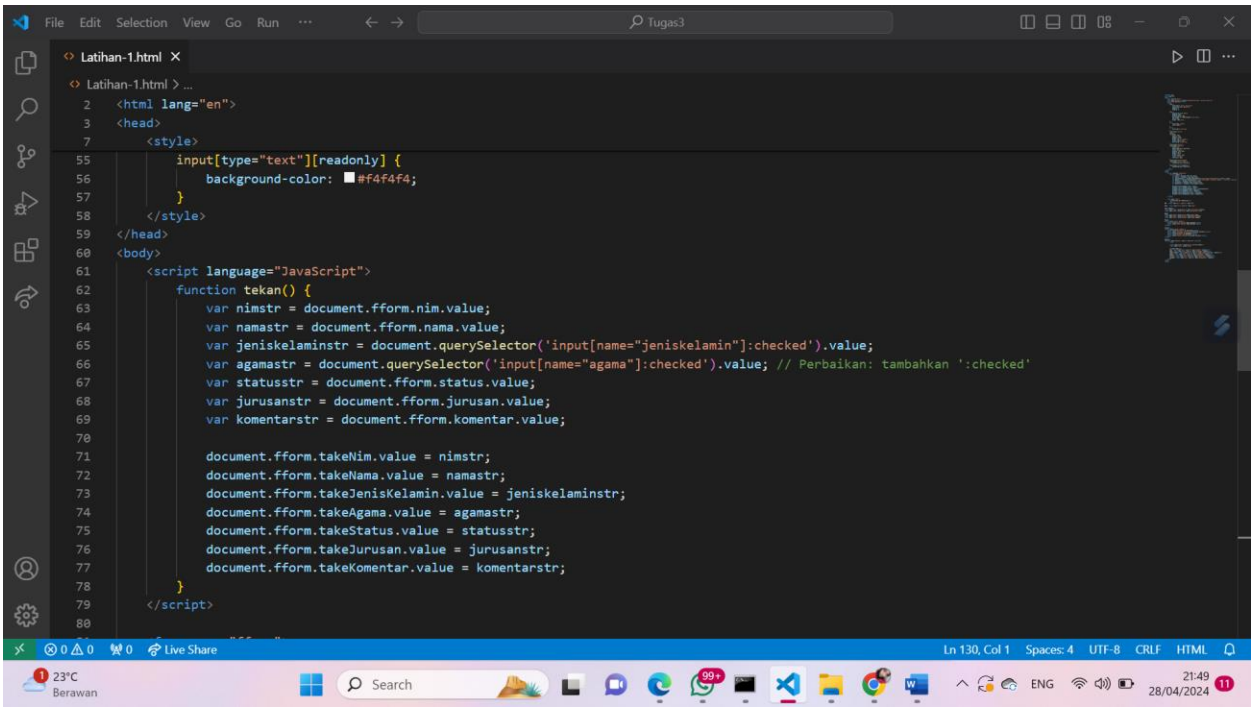
   Source Code dan JavaScript:



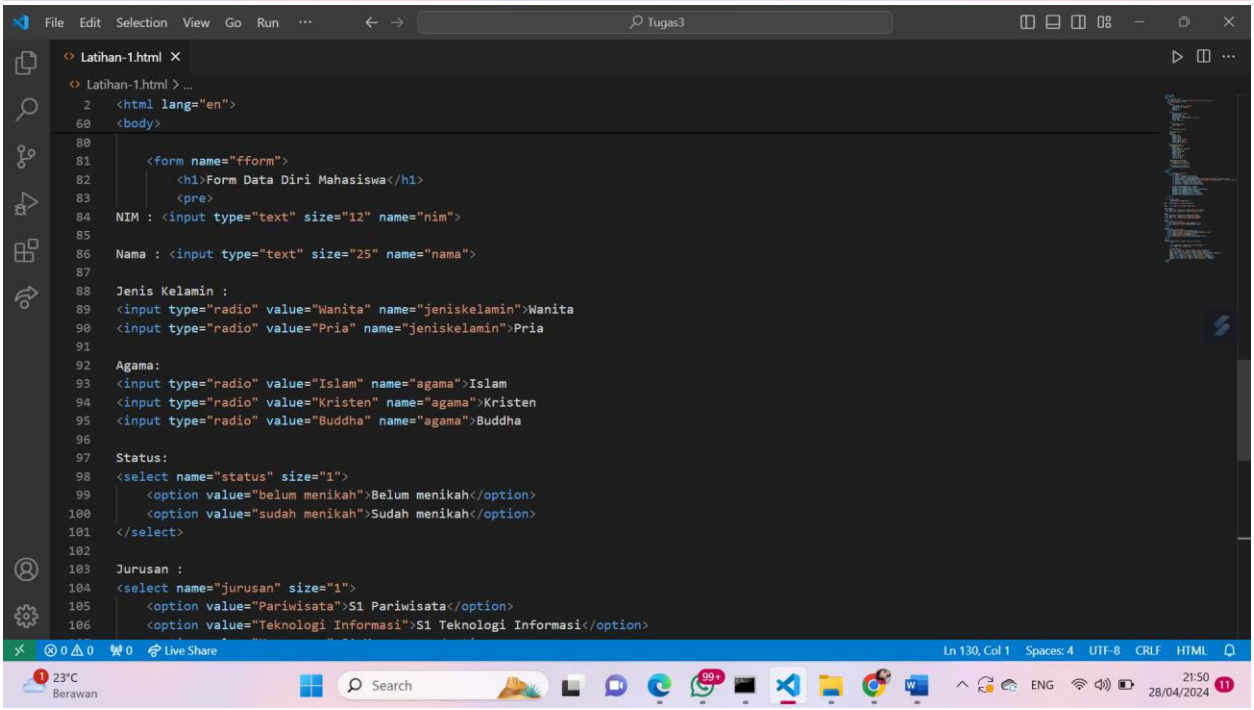
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Form Data Diri</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
        }
        form {
            background-color: #fff;
            padding: 20px;
            border-radius: 10px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
            width: 80%;
            margin: 20px auto;
        }
        h1 {
            text-align: center;
            color: #333;
        }
        pre {
            white-space: pre-wrap;
        }
        input[type="text"],
```



```
        select,
        textarea {
            width: 100%;
            padding: 10px;
            margin: 5px 0;
            border: 1px solid #ccc;
            border-radius: 5px;
            box-sizing: border-box;
        }
        input[type="button"],
        input[type="reset"] {
            width: 48%;
            background-color: #4CAF50;
            color: white;
            padding: 14px 20px;
            margin: 8px 0;
            border: none;
            border-radius: 4px;
            cursor: pointer;
            font-size: 16px;
        }
        input[type="button"]:hover,
        input[type="reset"]:hover {
            background-color: #45a049;
        }
```



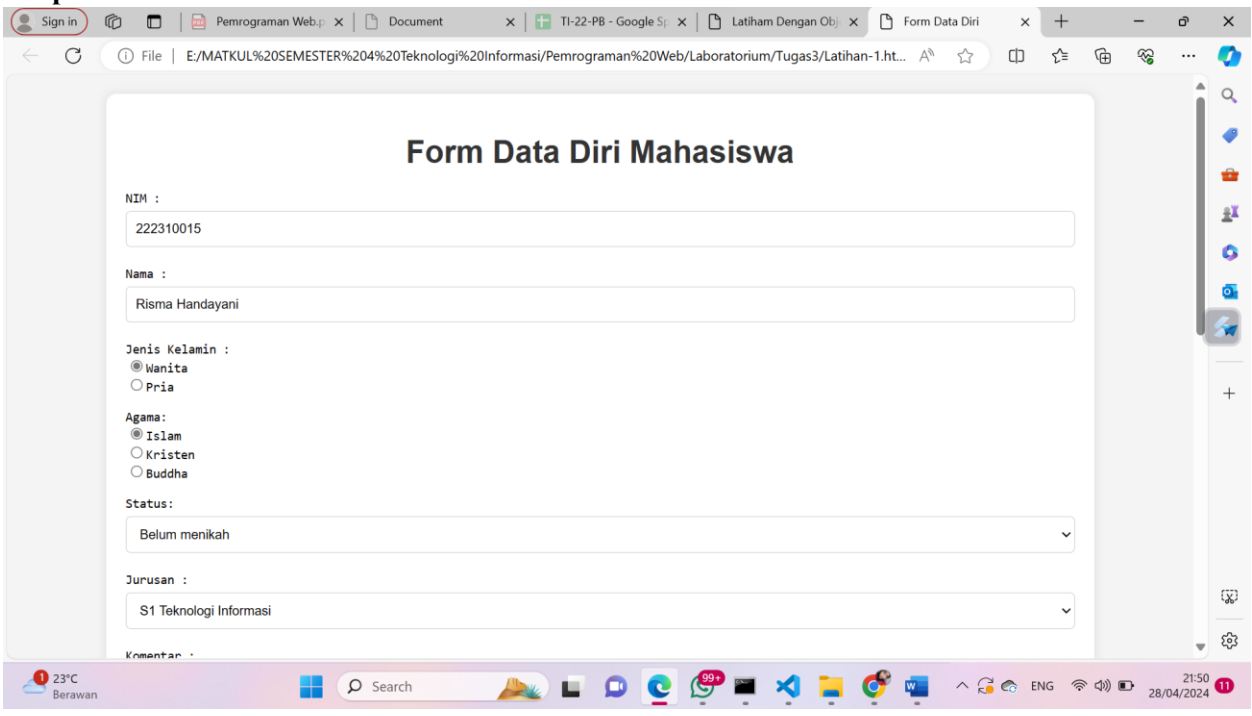
```
<html lang="en">
<head>
    <style>
        input[type="text"][readonly] {
            background-color: #f4f4f4;
        }
    </style>
</head>
<body>
    <script language="JavaScript">
        function tekan() {
            var nimstr = document.fform.nim.value;
            var namastr = document.fform.nama.value;
            var jeniskelaminstr = document.querySelector('input[name="jeniskelamin"]:checked').value;
            var agamastr = document.querySelector('input[name="agama"]:checked').value; // Perbaikan: tambahkan ':checked'
            var statusstr = document.fform.status.value;
            var jurusanstr = document.fform.jurusan.value;
            var komentarstr = document.fform.komentar.value;

            document.fform.takeNim.value = nimstr;
            document.fform.takeNama.value = namastr;
            document.fform.takeJenisKelamin.value = jeniskelaminstr;
            document.fform.takeAgama.value = agamastr;
            document.fform.takeStatus.value = statusstr;
            document.fform.takeJurusan.value = jurusanstr;
            document.fform.takeKomentar.value = komentarstr;
        }
    </script>
```

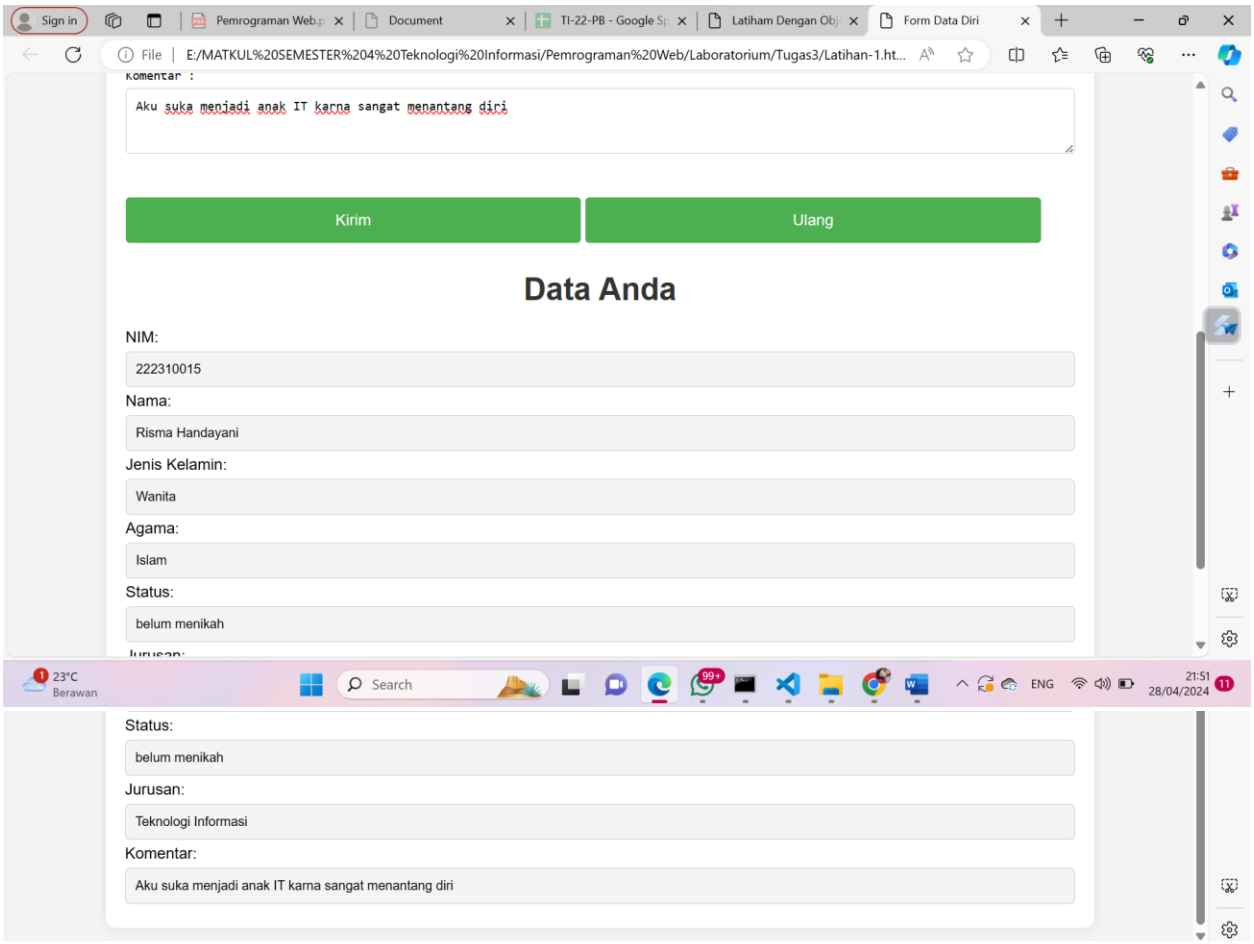


```
<html lang="en">
<body>

    <form name="fform">
        <h1>Form Data Diri Mahasiswa</h1>
        <pre>
NIM : <input type="text" size="12" name="nim">

Nama : <input type="text" size="25" name="nama">

Jenis Kelamin :
<input type="radio" value="Wanita" name="jeniskelamin">Wanita
<input type="radio" value="Pria" name="jeniskelamin">Pria

Agama:
<input type="radio" value="Islam" name="agama">Islam
<input type="radio" value="Kristen" name="agama">Kristen
<input type="radio" value="Buddha" name="agama">Buddha

Status:
<select name="status" size="1">
    <option value="belum menikah">Belum menikah</option>
    <option value="sudah menikah">Sudah menikah</option>
</select>

Jurusan :
<select name="jurusan" size="1">
    <option value="Pariwisata">S1 Pariwisata</option>
    <option value="Teknologi Informasi">S1 Teknologi Informasi</option>
```

```
<html lang="en">
<body>
    <form name="fform">
        <pre>
<select name="jurusan" size="1">
    <option value="Teknologi Informasi">S1 Teknologi Informasi</option>
    <option value="Managemen">S1 Managemen</option>
    <option value="Akutansi">S1 Akuntansi</option>
    <option value="Sistem Informasi">S1 Sistem Informasi</option>
</select>

Komentar :
<textarea name="komentar" rows="3" cols="30"></textarea>
        </pre>

        <input type="button" value="Kirim" onclick="tekan()">
        <input type="reset" value="Ulang">

        <h1>Data Anda</h1>
        NIM: <input type="text" size="11" name="takeNim" readonly><br>
        Nama: <input type="text" size="25" name="takeNama" readonly><br>
        Jenis Kelamin: <input type="text" size="10" name="takeJenisKelamin" readonly><br>
        Agama: <input type="text" size="10" name="takeAgama" readonly><br>
        Status: <input type="text" size="10" name="takeStatus" readonly><br>
        Jurusan: <input type="text" size="25" name="takeJurusan" readonly><br>
        Komentar: <input type="text" size="30" name="takeKomentar" readonly>
    </form>
</body>
</html>
```

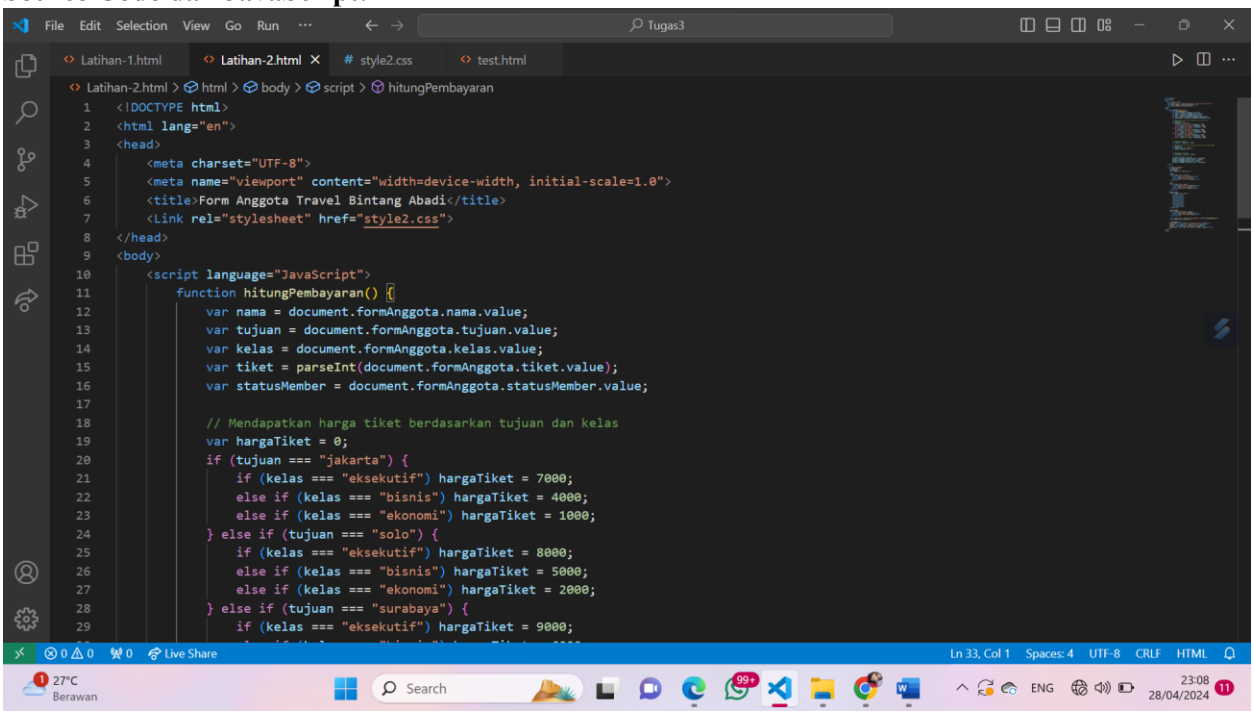
Output HTML:



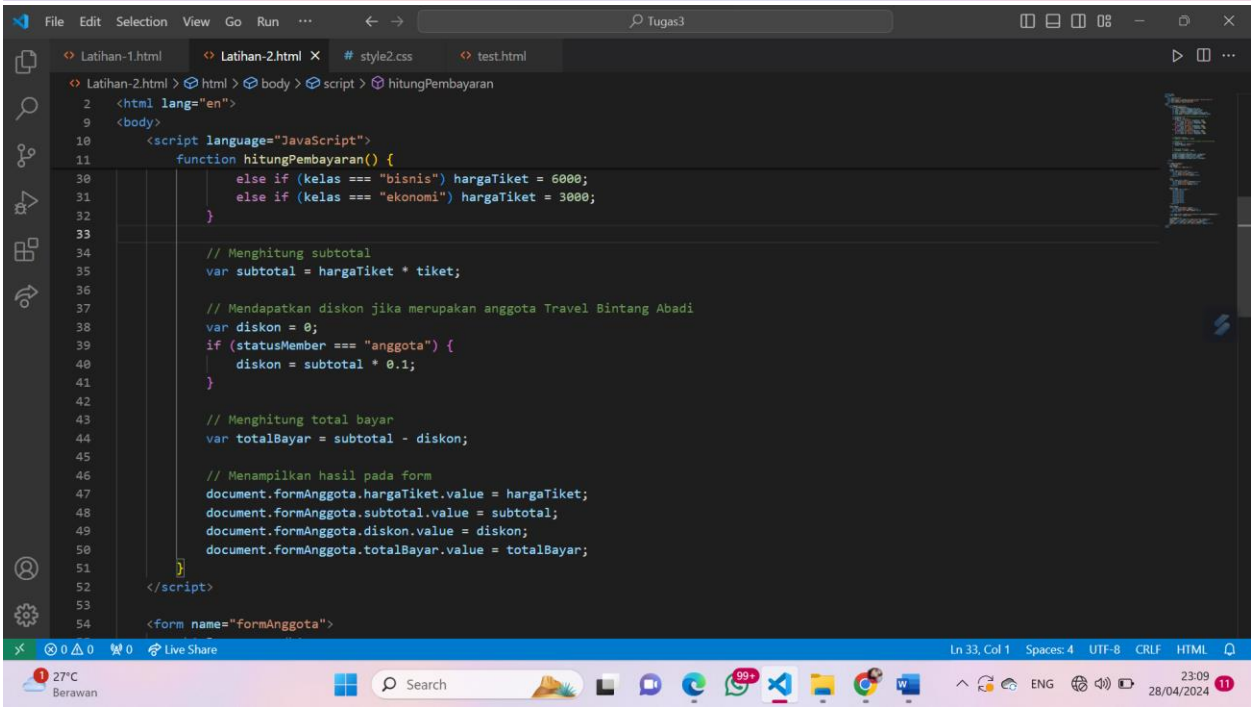

Sign in
Pemrograman Web.p
Document
TI-22-PB - Google Sp
Latiham Dengan Obj
Form Data Diri
File | E:/MATKUL%20SEMESTER%204%20Teknologi%20Informasi/Pemrograman%20Web/Laboratorium/Tugas3/Latihan-1.ht...
Komentar :
Aku suka menjadi anak IT karna sangat menantang diri
Kirim
Ulang
Data Anda
NIM:
222310015
Nama:
Risma Handayani
Jenis Kelamin:
Wanita
Agama:
Islam
Status:
belum menikah
Jurusan:
23°C
Berawan
Search
ENG
21:51
28/04/2024
Status:
belum menikah
Jurusan:
Teknologi Informasi
Komentar:
Aku suka menjadi anak IT karna sangat menantang diri

2. Latihan-2

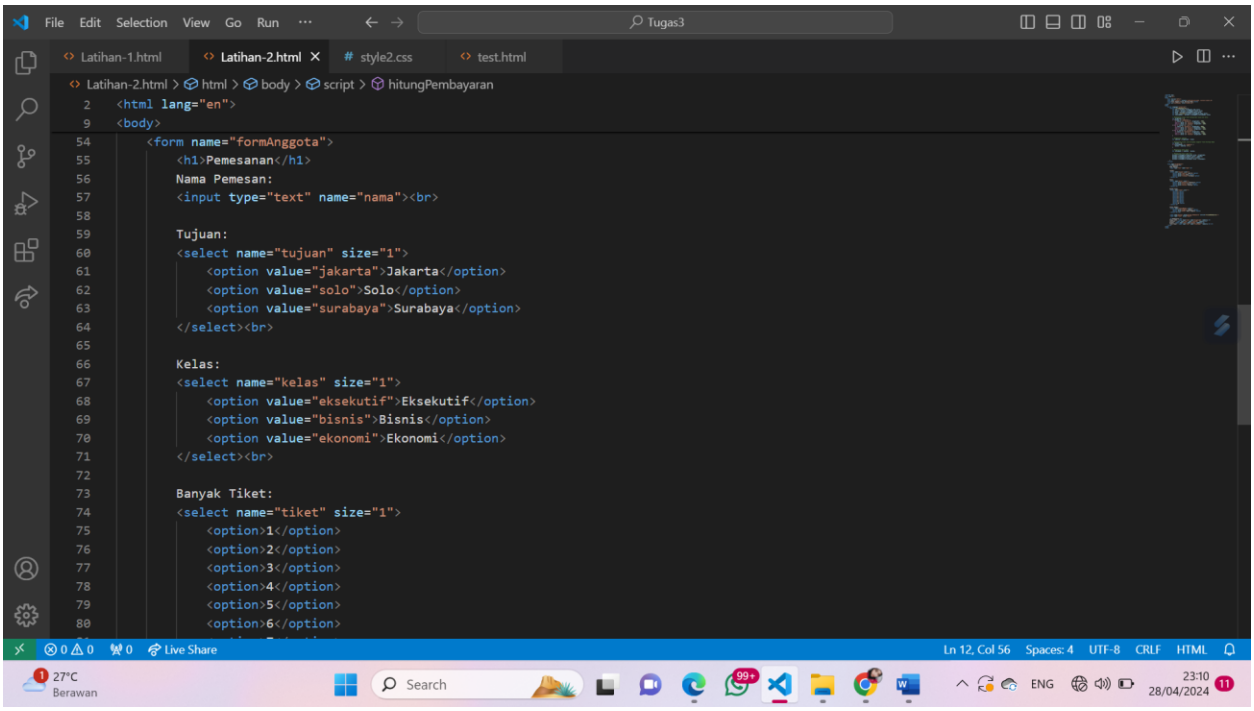
Source Code dan JavaScript:

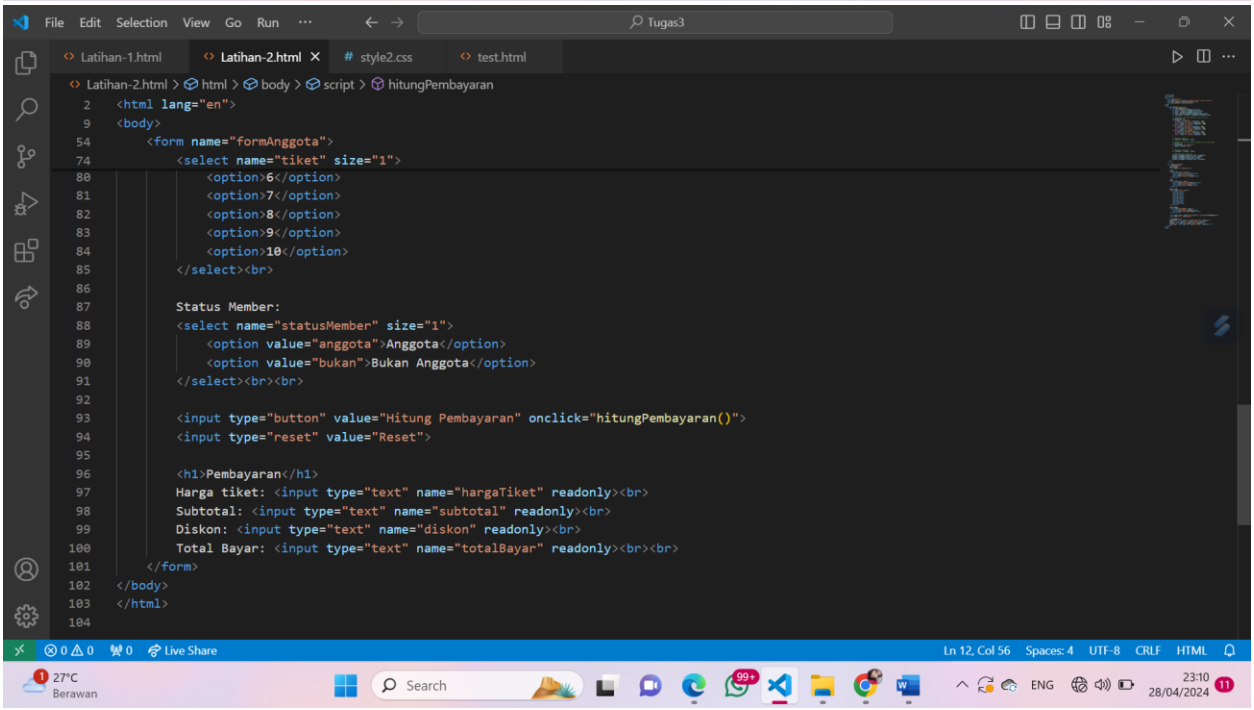


```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Form Anggota Travel Bintang Abadi</title>
    <Link rel="stylesheet" href="style2.css">
</head>
<body>
    <script language="JavaScript">
        function hitungPembayaran() {
            var nama = document.formAnggota.nama.value;
            var tujuan = document.formAnggota.tujuan.value;
            var kelas = document.formAnggota.kelas.value;
            var tiket = parseInt(document.formAnggota.tiket.value);
            var statusMember = document.formAnggota.statusMember.value;

            // Mendapatkan harga tiket berdasarkan tujuan dan kelas
            var hargaTiket = 0;
            if (tujuan === "jakarta") {
                if (kelas === "eksekutif") hargaTiket = 7000;
                else if (kelas === "bisnis") hargaTiket = 4000;
                else if (kelas === "ekonomi") hargaTiket = 1000;
            } else if (tujuan === "solo") {
                if (kelas === "eksekutif") hargaTiket = 8000;
                else if (kelas === "bisnis") hargaTiket = 5000;
                else if (kelas === "ekonomi") hargaTiket = 2000;
            } else if (tujuan === "surabaya") {
                if (kelas === "eksekutif") hargaTiket = 9000;
```



```
                else if (kelas === "bisnis") hargaTiket = 6000;
                else if (kelas === "ekonomi") hargaTiket = 3000;
            }

            // Menghitung subtotal
            var subtotal = hargaTiket * tiket;

            // Mendapatkan diskon jika merupakan anggota Travel Bintang Abadi
            var diskon = 0;
            if (statusMember === "anggota") {
                diskon = subtotal * 0.1;
            }

            // Menghitung total bayar
            var totalBayar = subtotal - diskon;

            // Menampilkan hasil pada form
            document.formAnggota.hargaTiket.value = hargaTiket;
            document.formAnggota.subtotal.value = subtotal;
            document.formAnggota.diskon.value = diskon;
            document.formAnggota.totalBayar.value = totalBayar;
        }
    </script>

    <form name="formAnggota">
```

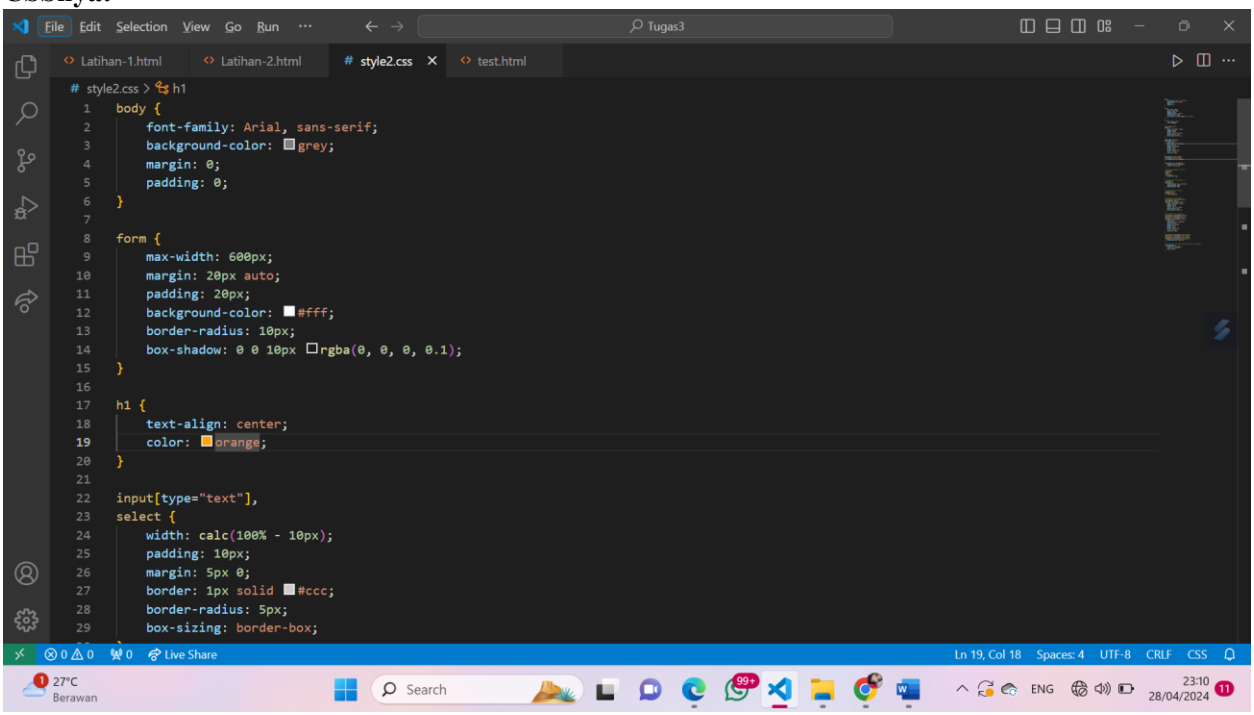

File Edit Selection View Go Run
Tugas3
Latihan-1.html
Latihan-2.html
style2.css
test.html
Latihan-2.html > html > body > script > hitungPembayaran
<html lang="en">
<body>
<form name="formAnggota">
<h1>Pemesanan</h1>
Nama Pemesan:
<input type="text" name="nama">
Tujuan:
<select name="tujuan" size="1">
<option value="jakarta">Jakarta</option>
<option value="solo">Solo</option>
<option value="surabaya">Surabaya</option>
</select>
Kelas:
<select name="kelas" size="1">
<option value="eksekutif">Eksekutif</option>
<option value="bisnis">Bisnis</option>
<option value="ekonomi">Ekonomi</option>
</select>
Banyak Tiket:
<select name="tiket" size="1">
<option>1</option>
<option>2</option>
<option>3</option>
<option>4</option>
<option>5</option>
<option>6</option>
Live Share
Ln 12, Col 56 Spaces: 4 UTF-8 CRLF HTML
27°C Berawan
Search
ENG
23:10 28/04/2024


File Edit Selection View Go Run
Tugas3
Latihan-1.html
Latihan-2.html
style2.css
test.html
Latihan-2.html > html > body > script > hitungPembayaran
<html lang="en">
<body>
<form name="formAnggota">
<select name="tiket" size="1">
<option>6</option>
<option>7</option>
<option>8</option>
<option>9</option>
<option>10</option>
</select>
Status Member:
<select name="statusMember" size="1">
<option value="anggota">Anggota</option>
<option value="bukan">Bukan Anggota</option>
</select>

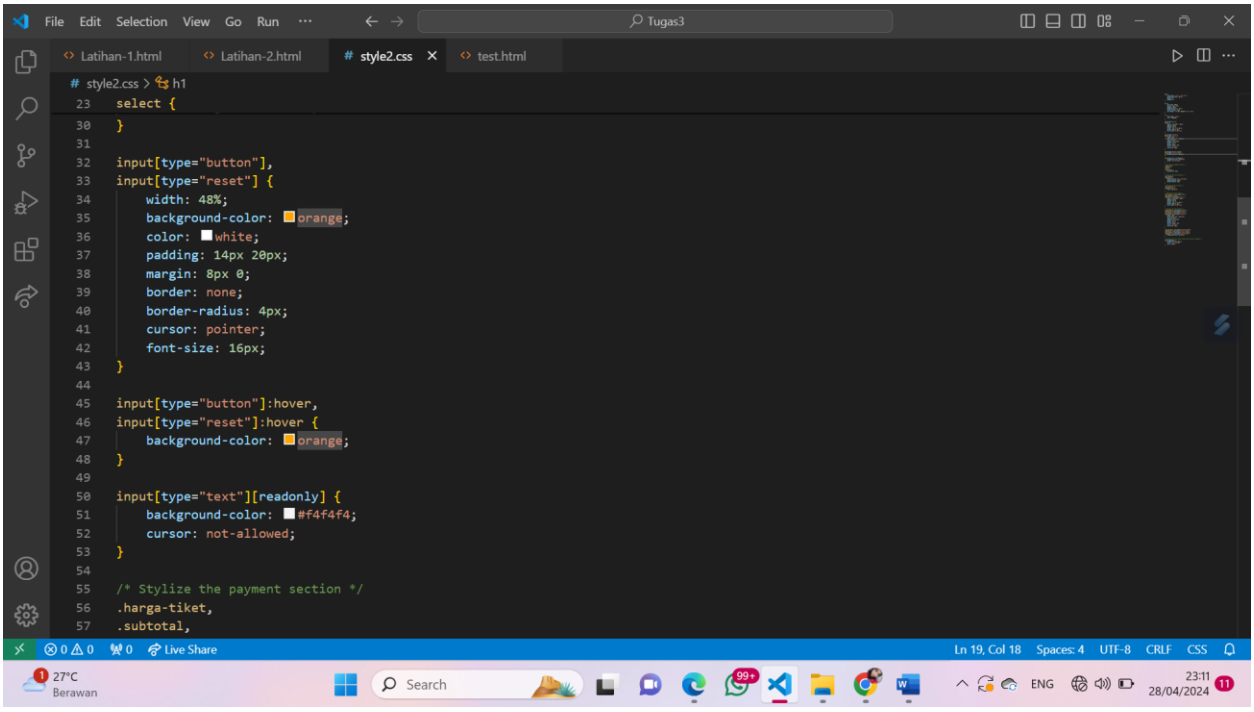
<input type="button" value="Hitung Pembayaran" onclick="hitungPembayaran()">
<input type="reset" value="Reset">
<h1>Pembayaran</h1>
Harga tiket: <input type="text" name="hargaTiket" readonly>
Subtotal: <input type="text" name="subtotal" readonly>
Diskon: <input type="text" name="diskon" readonly>
Total Bayar: <input type="text" name="totalBayar" readonly>

</form>
</body>
</html>
Live Share
Ln 12, Col 56 Spaces: 4 UTF-8 CRLF HTML
27°C Berawan
Search
ENG
23:10 28/04/2024

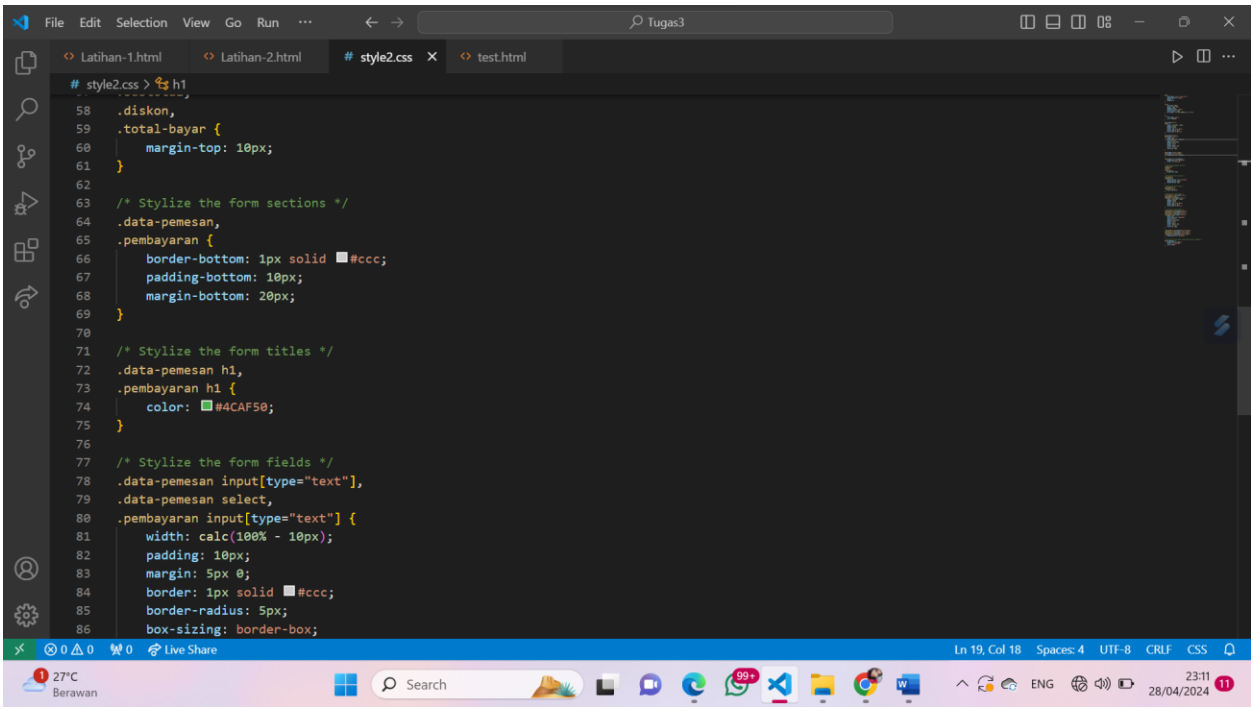
CSSnya:

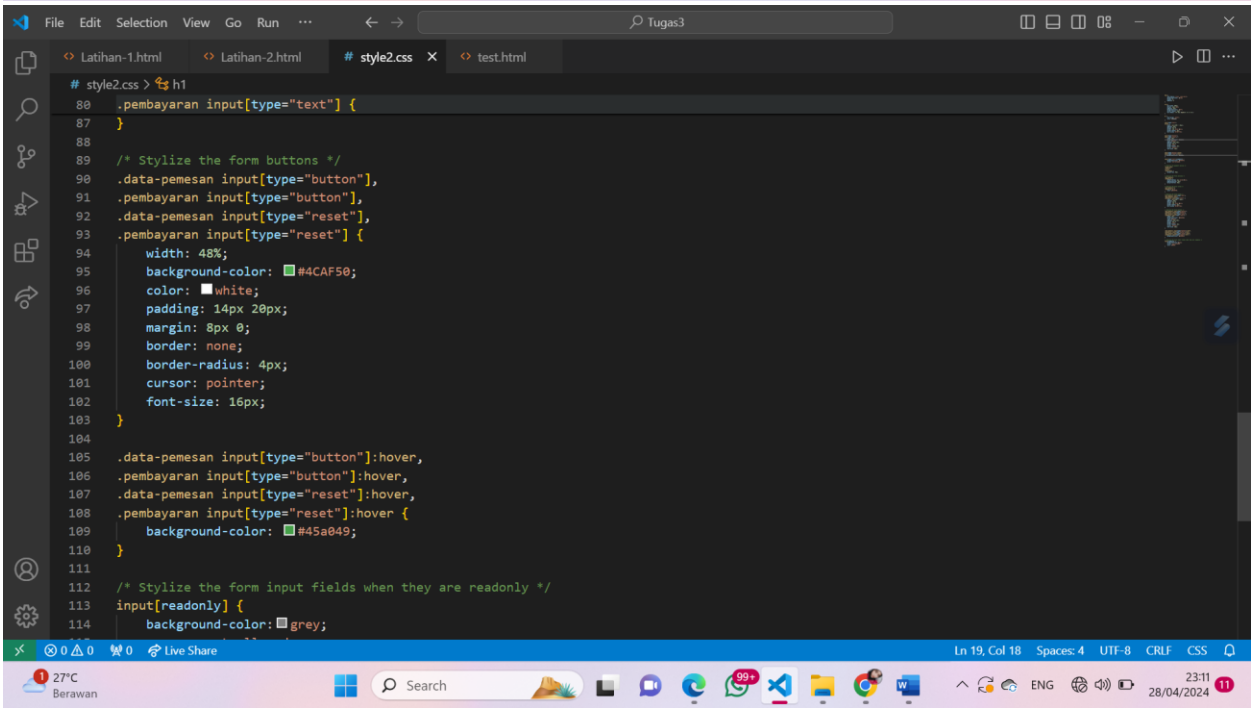


```
body {
    font-family: Arial, sans-serif;
    background-color: grey;
    margin: 0;
    padding: 0;
}

form {
    max-width: 600px;
    margin: 20px auto;
    padding: 20px;
    background-color: #fff;
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

h1 {
    text-align: center;
    color: orange;
}

input[type="text"],
select {
    width: calc(100% - 10px);
    padding: 10px;
    margin: 5px 0;
    border: 1px solid #ccc;
    border-radius: 5px;
    box-sizing: border-box;
```



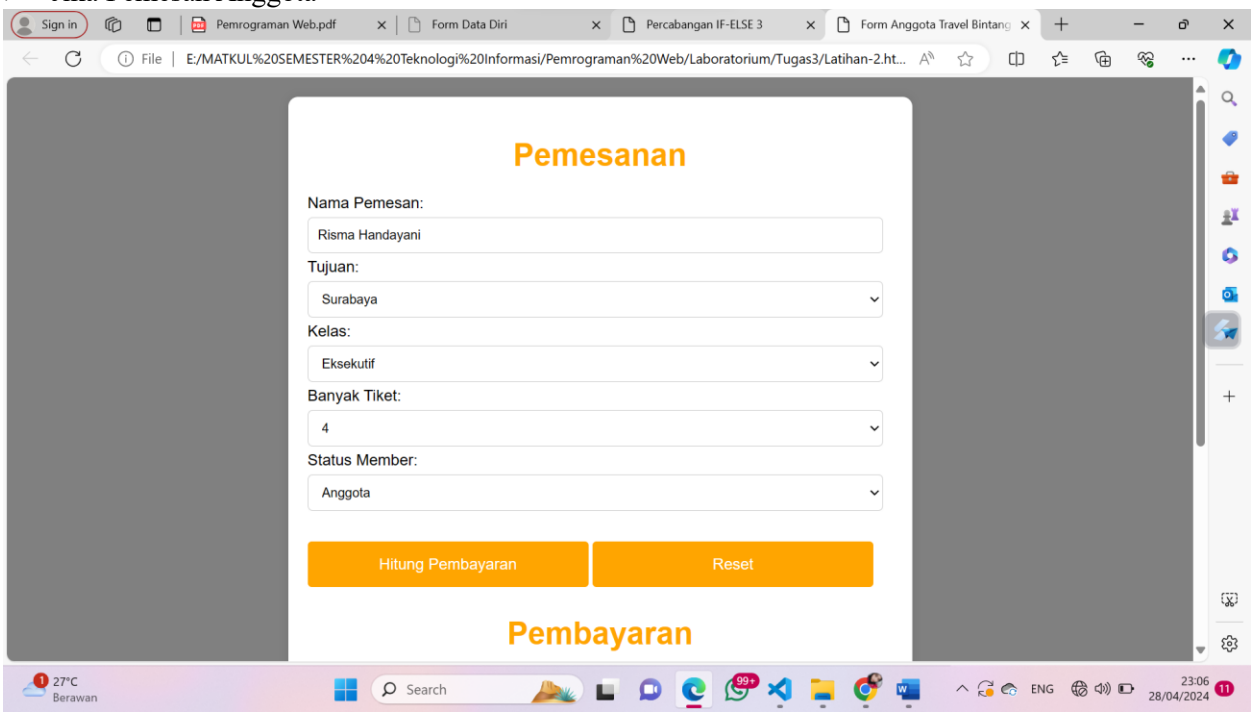
```
select {
}

input[type="button"],
input[type="reset"] {
    width: 48%;
    background-color: orange;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    border-radius: 4px;
    cursor: pointer;
    font-size: 16px;
}

input[type="button"]:hover,
input[type="reset"]:hover {
    background-color: orange;
}

input[type="text"][readonly] {
    background-color: #f4f4f4;
    cursor: not-allowed;
}

/* Stylize the payment section */
.harga-tiket,
.subtotal,
```

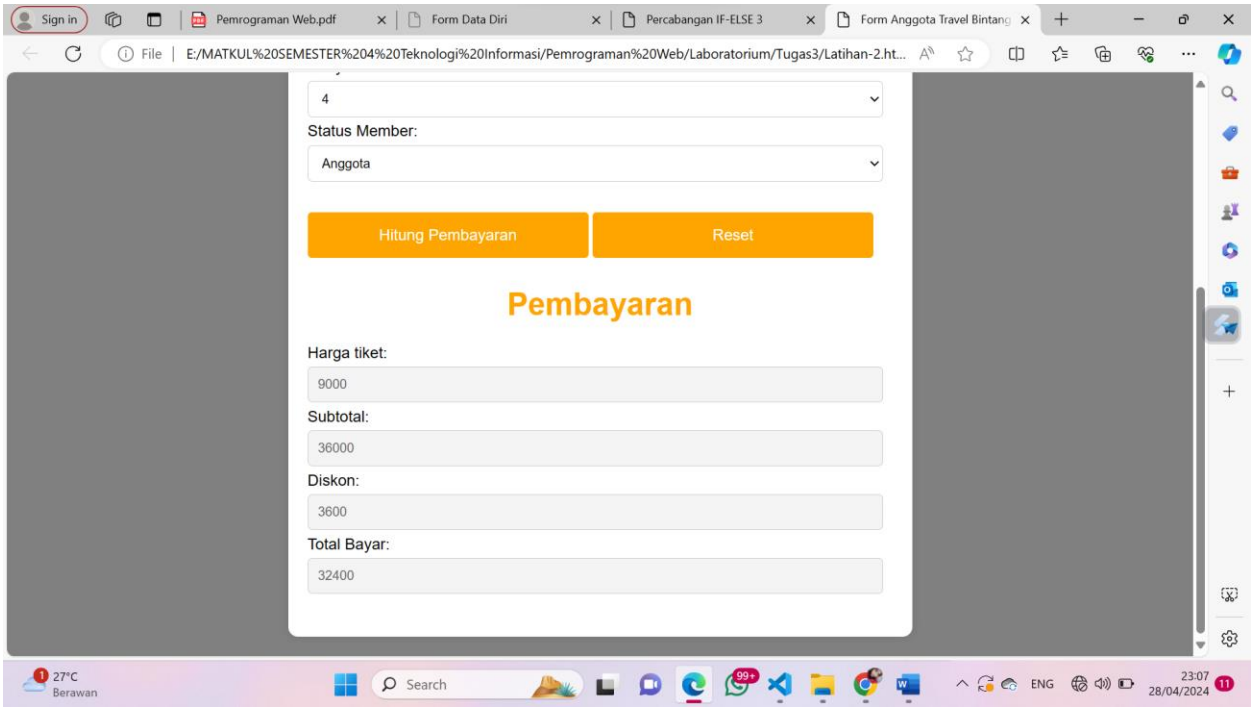

File Edit Selection View Go Run
Tugas3
Latihan-1.html
Latihan-2.html
style2.css
test.html
style2.css > h1
.diskon,
.total-bayar {
margin-top: 10px;
}
/* Stylize the form sections */
.data-pemesan,
.pembayaran {
border-bottom: 1px solid #ccc;
padding-bottom: 10px;
margin-bottom: 20px;
}
/* Stylize the form titles */
.data-pemesan h1,
.pembayaran h1 {
color: #4CAF50;
}
/* Stylize the form fields */
.data-pemesan input[type="text"],
.data-pemesan select,
.pembayaran input[type="text"] {
width: calc(100% - 10px);
padding: 10px;
margin: 5px 0;
border: 1px solid #ccc;
border-radius: 5px;
box-sizing: border-box;
Live Share
Ln 19, Col 18
Spaces: 4
UTF-8
CRLF
CSS
27°C
Berawan
Search
ENG
23:11
28/04/2024


File Edit Selection View Go Run
Tugas3
Latihan-1.html
Latihan-2.html
style2.css
test.html
style2.css > h1
.pembayaran input[type="text"] {
}
/* Stylize the form buttons */
.data-pemesan input[type="button"],
.pembayaran input[type="button"],
.data-pemesan input[type="reset"],
.pembayaran input[type="reset"] {
width: 48%;
background-color: #4CAF50;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;
font-size: 16px;
}
.data-pemesan input[type="button"]:hover,
.pembayaran input[type="button"]:hover,
.data-pemesan input[type="reset"]:hover,
.pembayaran input[type="reset"]:hover {
background-color: #45a049;
}
/* Stylize the form input fields when they are readonly */
input[readonly] {
background-color: grey;
Live Share
Ln 19, Col 18
Spaces: 4
UTF-8
CRLF
CSS
27°C
Berawan
Search
ENG
23:11
28/04/2024

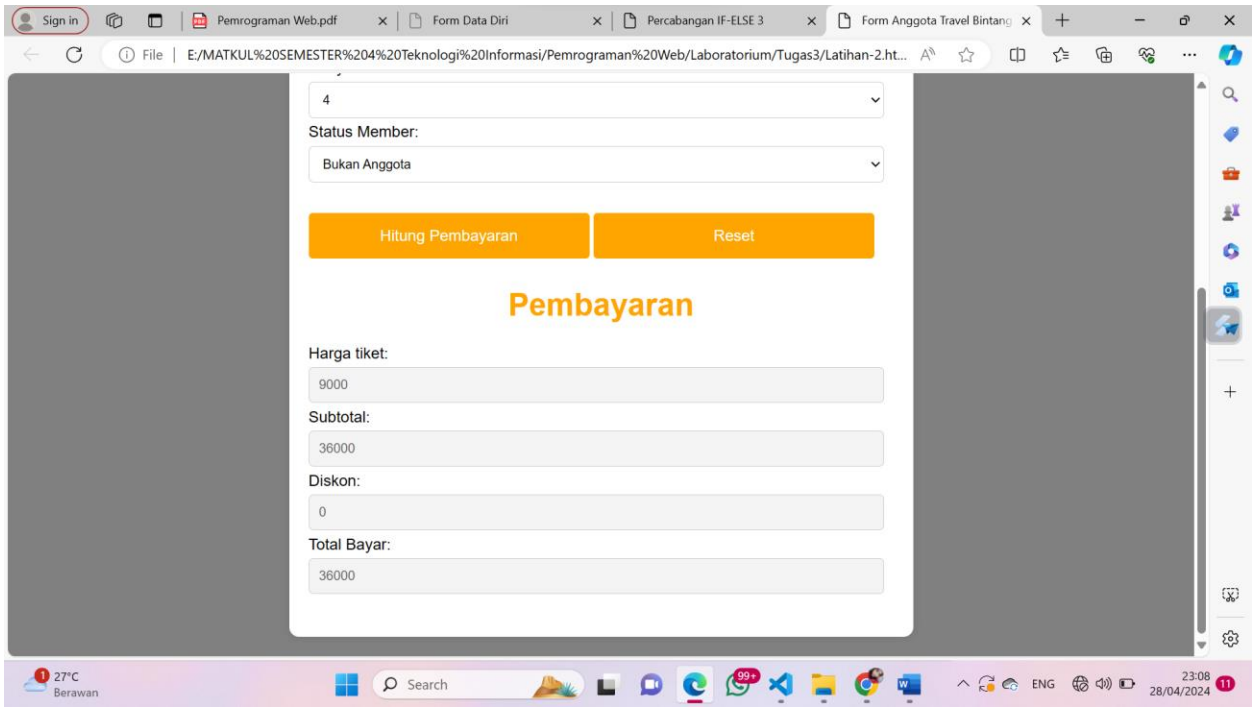
Output HTML:

- Jika Pemesan Anggota



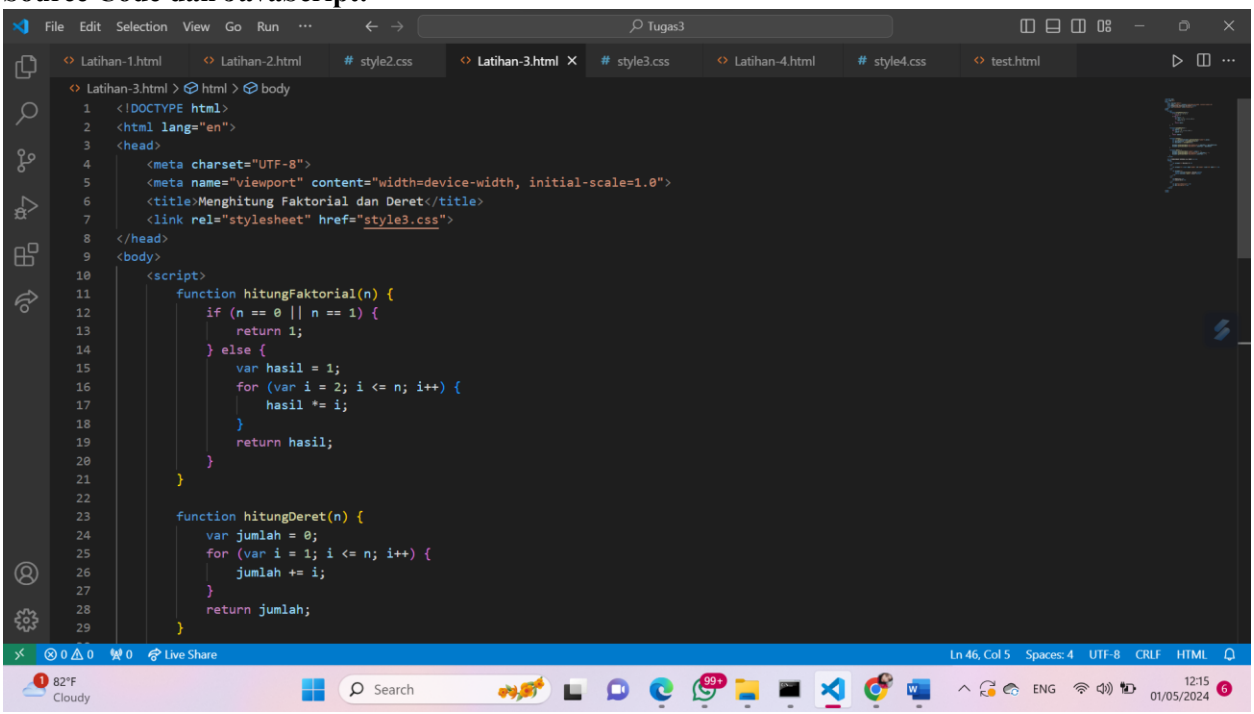


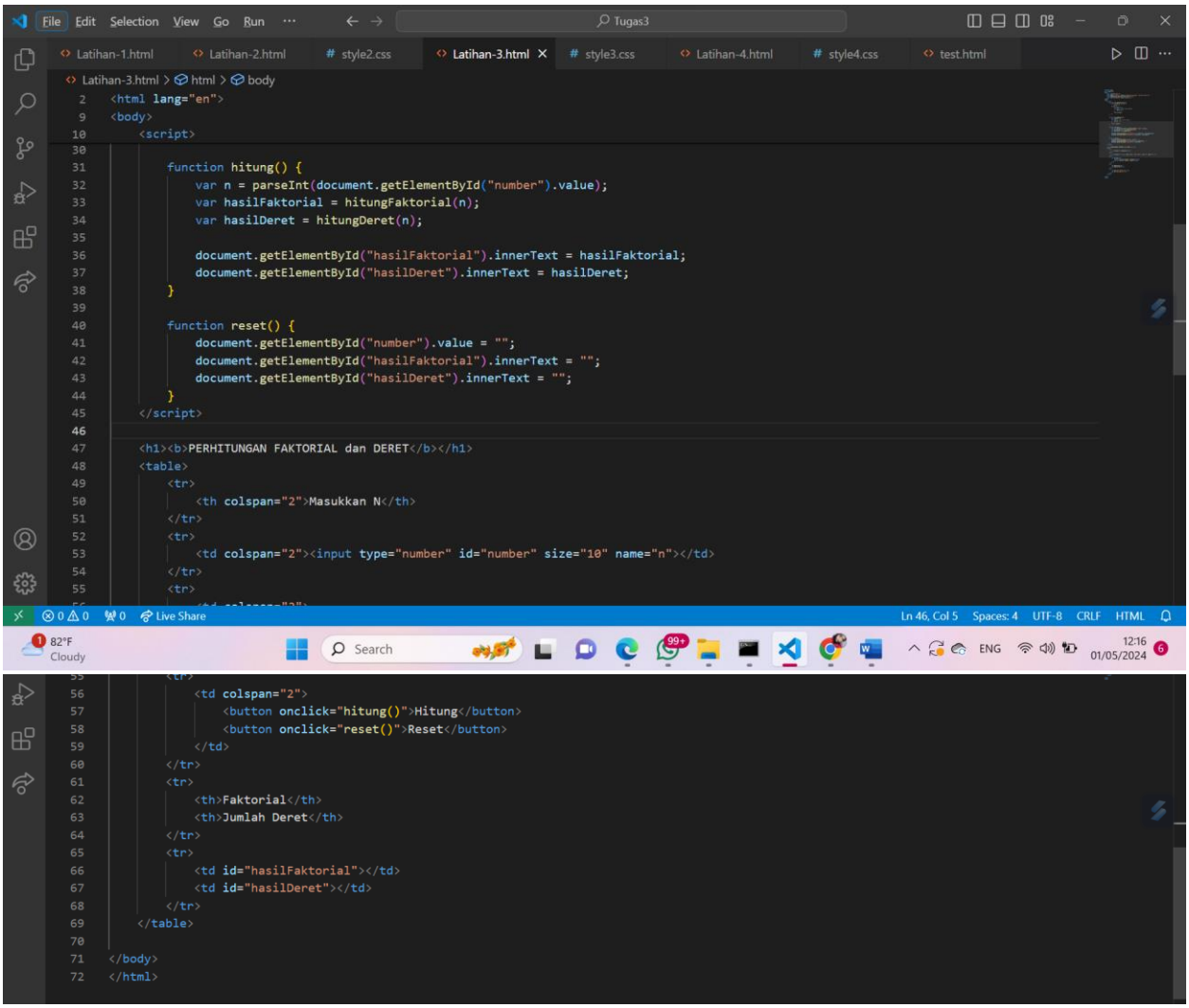
- Jika pemesan bukan anggota



3. Latihan-3

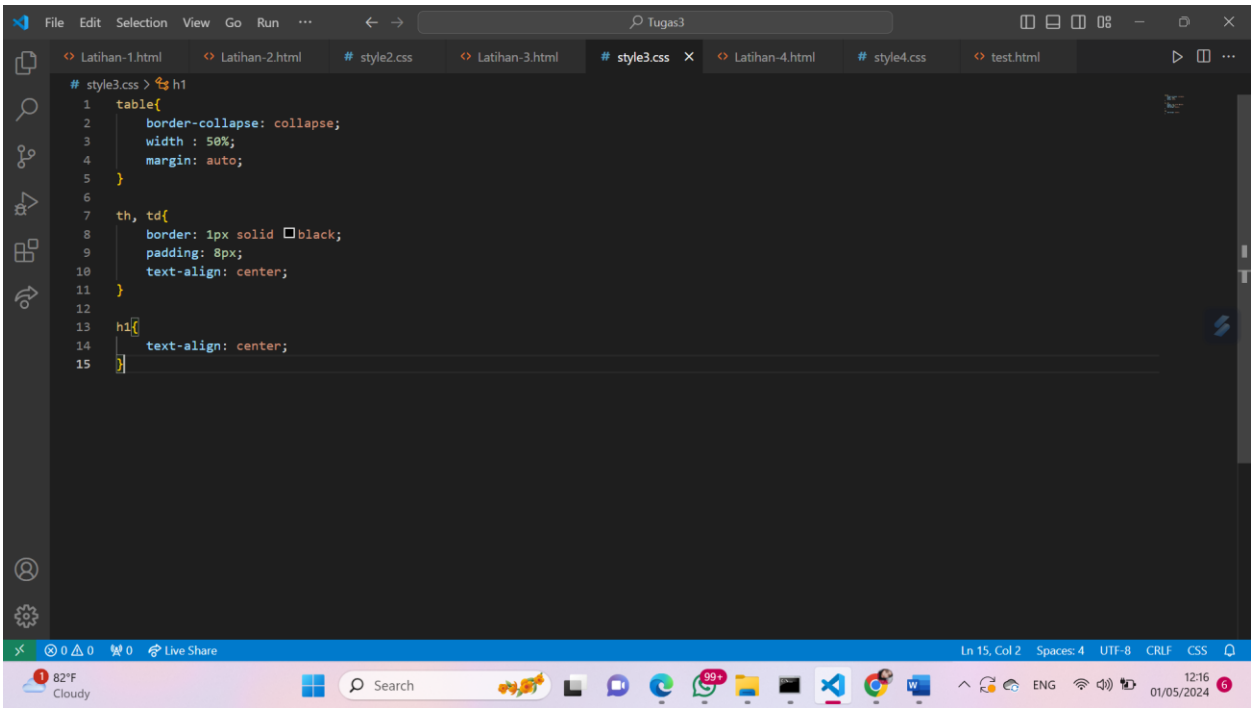
Source Code dan JavaScript:



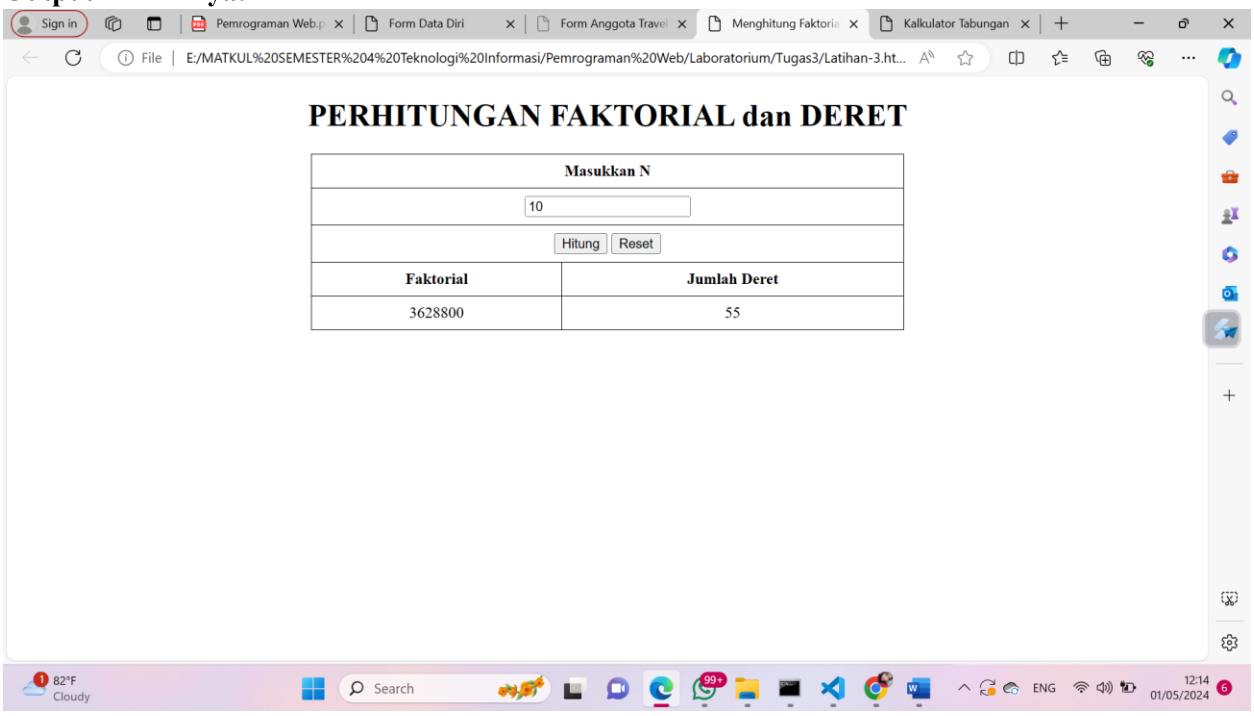

File Edit Selection View Go Run
Tugas3
Latihan-1.html
Latihan-2.html
style2.css
Latihan-3.html
style3.css
Latihan-4.html
style4.css
test.html
Latihan-3.html > html > body
<html lang="en">
<body>
<script>
function hitung() {
var n = parseInt(document.getElementById("number").value);
var hasilFaktorial = hitungFaktorial(n);
var hasilDeret = hitungDeret(n);
document.getElementById("hasilFaktorial").innerText = hasilFaktorial;
document.getElementById("hasilDeret").innerText = hasilDeret;
}
function reset() {
document.getElementById("number").value = "";
document.getElementById("hasilFaktorial").innerText = "";
document.getElementById("hasilDeret").innerText = "";
}
</script>
<h1>PERHITUNGAN FAKTORIAL dan DERET</h1>
<table>
<tr>
<th colspan="2">Masukkan N</th>
</tr>
<tr>
<td colspan="2"><input type="number" id="number" size="10" name="n"></td>
</tr>
<tr>
Live Share
Ln 46, Col 5
Spaces: 4
UTF-8
CRLF
HTML
82°F
Cloudy
Search
ENG
12:16
01/05/2024

<td colspan="2">
<button onclick="hitung()">Hitung</button>
<button onclick="reset()">Reset</button>
</td>
</tr>
<tr>
<th>Faktorial</th>
<th>Jumlah Deret</th>
</tr>
<tr>
<td id="hasilFaktorial"></td>
<td id="hasilDeret"></td>
</tr>
</table>
</body>
</html>

CSS:

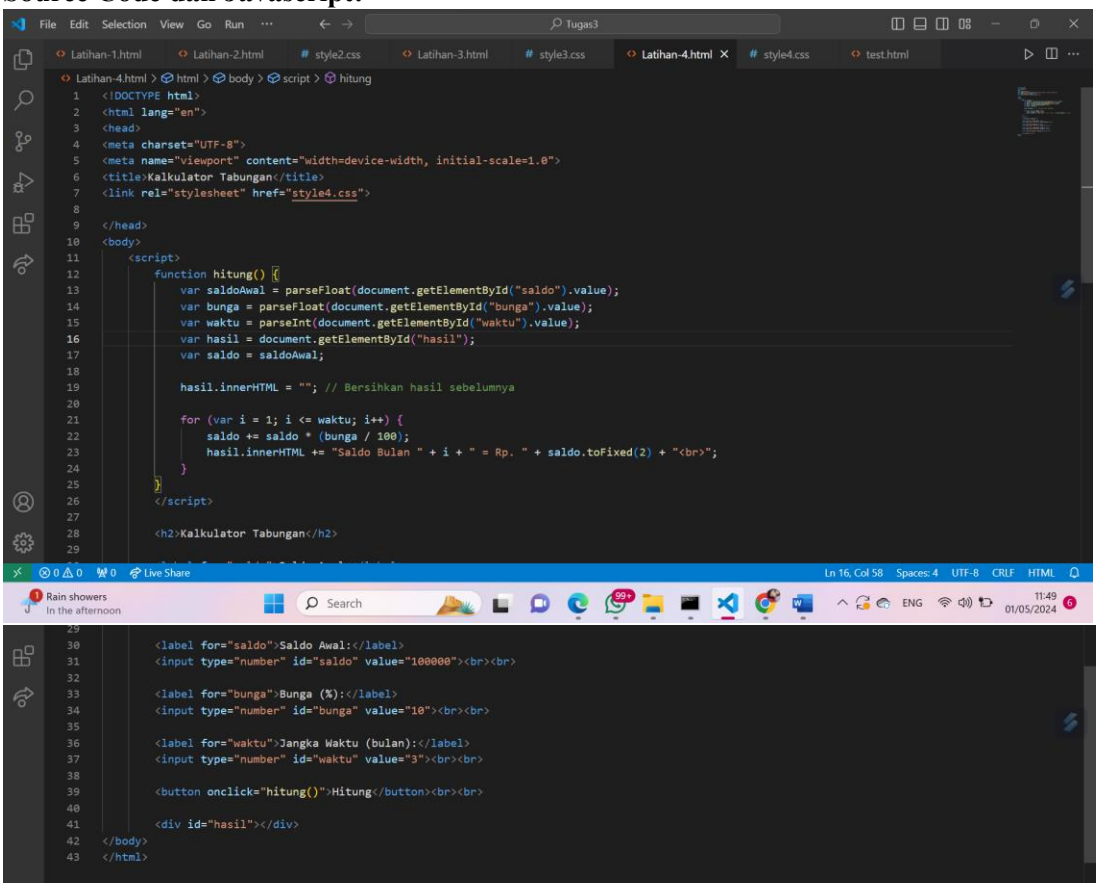


Output HTMLnya:



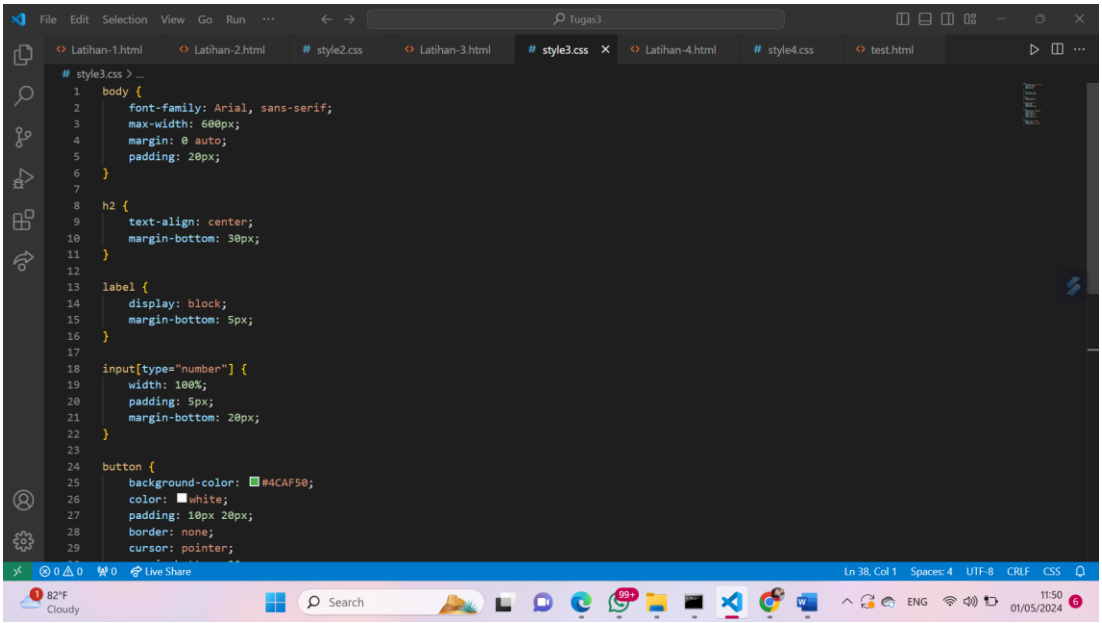
4. **Latihan-4**

Source Code dan Javascript:

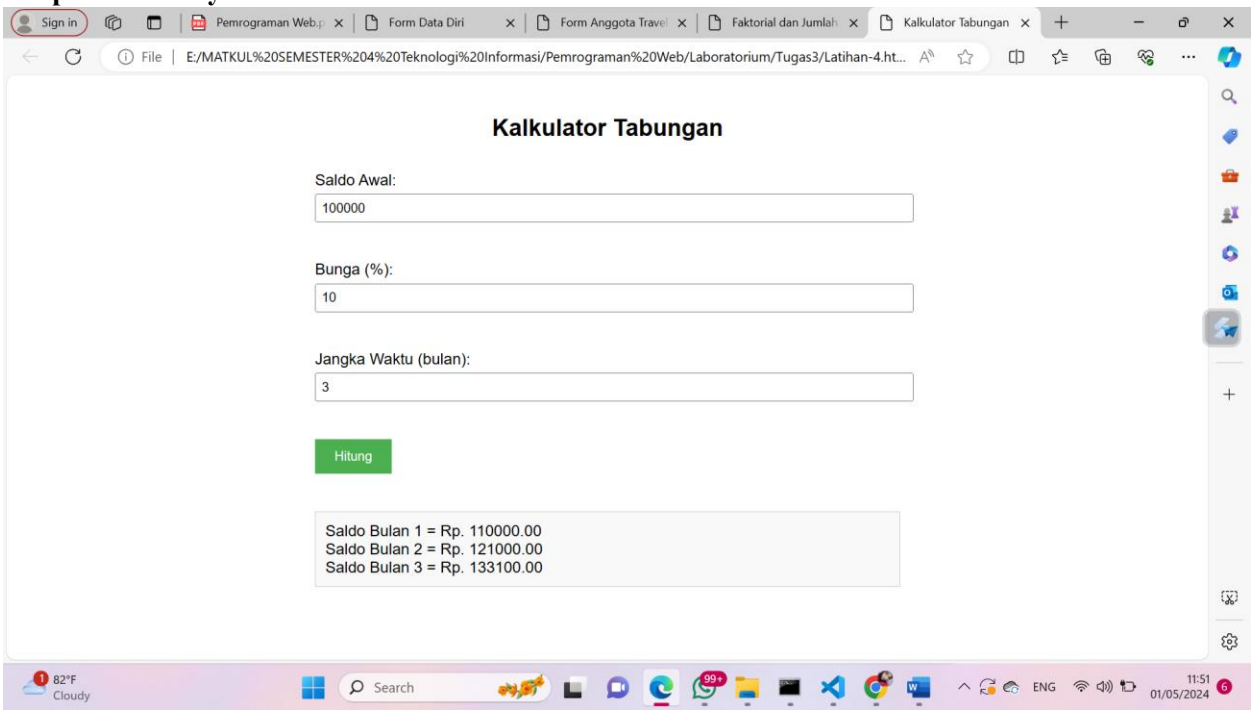


```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Kalkulator Tabungan</title>
<link rel="stylesheet" href="style4.css">

</head>
<body>
    <script>
        function hitung() {
            var saldoAwal = parseFloat(document.getElementById("saldo").value);
            var bunga = parseFloat(document.getElementById("bunga").value);
            var waktu = parseInt(document.getElementById("waktu").value);
            var hasil = document.getElementById("hasil");
            var saldo = saldoAwal;

            hasil.innerHTML = ""; // Bersihkan hasil sebelumnya

            for (var i = 1; i <= waktu; i++) {
                saldo += saldo * (bunga / 100);
                hasil.innerHTML += "Saldo Bulan " + i + " = Rp. " + saldo.toFixed(2) + "<br>";
            }
        }
        </script>

        <h2>Kalkulator Tabungan</h2>

        <label for="saldo">Saldo Awal:</label>
        <input type="number" id="saldo" value="100000"><br><br>

        <label for="bunga">Bunga (%):</label>
        <input type="number" id="bunga" value="10"><br><br>

        <label for="waktu">Jangka Waktu (bulan):</label>
        <input type="number" id="waktu" value="3"><br><br>

        <button onclick="hitung()">Hitung</button><br><br>

        <div id="hasil"></div>
</body>
</html>
```

CSS:



```
body {
    font-family: Arial, sans-serif;
    max-width: 600px;
    margin: 0 auto;
    padding: 20px;
}

h2 {
    text-align: center;
    margin-bottom: 30px;
}

label {
    display: block;
    margin-bottom: 5px;
}

input[type="number"] {
    width: 100%;
    padding: 5px;
    margin-bottom: 20px;
}

button {
    background-color: #4CAF50;
    color: white;
    padding: 10px 20px;
    border: none;
    cursor: pointer;
```

```
    cursor: pointer;
    margin-bottom: 20px;
}

#hasil {
    border: 1px solid #ccc;
    padding: 10px;
    background-color: #f9f9f9;
}
```

Output HTMLnya: