

Tugas paling bawah!!!

Custom-event

```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Latihan Custom Event</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f9f9f9;
            text-align: center;
            margin-top: 60px;
        }

        h2 {
            color: #333;
        }

        #kotak {
            width: 200px;
            height: 200px;
            margin: 20px auto;
            background-color: lightblue;
            line-height: 200px;
            border-radius: 10px;
            font-weight: bold;
            color: #333;
            cursor: pointer;
            transition: 0.3s;
        }

        button {
            margin: 10px;
            padding: 10px 20px;
            border: none;
            border-radius: 5px;
            background-color: dodgerblue;
            color: white;
            cursor: pointer;
            font-size: 16px;
        }

        button:hover {
            background-color: royalblue;
        }
    </style>
</head>
<body>
    <h2>Kotak Sama</h2>
    <div id="kotak"></div>
    <button>Klik Saya</button>
</body>
</html>
```

```
}

#pesan {
    margin-top: 20px;
    font-size: 18px;
}
</style>
</head>
<body>

<h2> Latihan Custom Event di JavaScript</h2>

<div id="kotak">Klik Saya</div>

<button id="btnCustom">Trigger Custom Event</button>

<p id="pesan">Custom event belum dijalankan...</p>

<script>
    const kotak = document.getElementById("kotak");
    const pesan = document.getElementById("pesan");
    const tombol = document.getElementById("btnCustom");

    const kotakEvent = new CustomEvent("kotakDiklik", {
        detail: { waktu: new Date().toLocaleTimeString() }
    });

    kotak.addEventListener("kotakDiklik", function(e) {
        pesan.innerHTML = "Custom Event dijalankan pada pukul " +
        e.detail.waktu;
        kotak.style.backgroundColor = "lightgreen";
    });

    kotak.addEventListener("click", function() {
        kotak.dispatchEvent(new CustomEvent("kotakDiklik", {
            detail: { waktu: new Date().toLocaleTimeString() }
        }));
    });

    tombol.addEventListener("click", function() {
        kotak.dispatchEvent(new CustomEvent("kotakDiklik", {
            detail: { waktu: new Date().toLocaleTimeString() }
        }));
    });
</script>

</body>
</html>
```

Output

① File C:/Users/akmal/OneDrive/Documents/Semester%203/Dasar%20Frontend/pt%205/custom-event.html



Latihan Custom Event di JavaScript

Klik Saya

Trigger Custom Event

Custom event belum dijalankan...

Event-change

```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Latihan Event onchange</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f7f7f7;
            text-align: center;
            margin-top: 60px;
        }

        h2 {
            color: #333;
        }

        select, input, textarea {
            padding: 10px;
            font-size: 16px;
        }
    </style>

```

```
margin: 10px;
border-radius: 5px;
border: 1px solid #ccc;
width: 250px;
outline: none;
}

#hasil {
margin-top: 25px;
font-size: 18px;
color: #222;
}
</style>
</head>
<body>

<h2> Latihan Event <code>onchange</code> di JavaScript</h2>

<p>Pilih warna favoritmu:</p>
<select id="warna" onchange="ubahWarna()">
<option value="">-- Pilih Warna --</option>
<option value="Merah">Merah</option>
<option value="Biru">Biru</option>
<option value="Hijau">Hijau</option>
<option value="Kuning">Kuning</option>
</select>

<p>Masukkan nama kamu:</p>
<input type="text" id="nama" placeholder="Ketik nama..." 
onchange="ubahNama()"

<p>Tulis komentar:</p>
<textarea id="komentar" rows="4" cols="30" placeholder="Tulis komentar..." 
onchange="ubahKomentar()"></textarea>

<div id="hasil">Hasil perubahan akan muncul di sini...</div>

<script>
const hasil = document.getElementById("hasil");

function ubahWarna() {
  const warna = document.getElementById("warna").value;
  if (warna) {
    hasil.innerHTML = " Warna favorit kamu adalah <b>" + warna + "</b>." ;
  } else {
    hasil.innerHTML = "Silakan pilih warna terlebih dahulu.";
  }
}
```

```

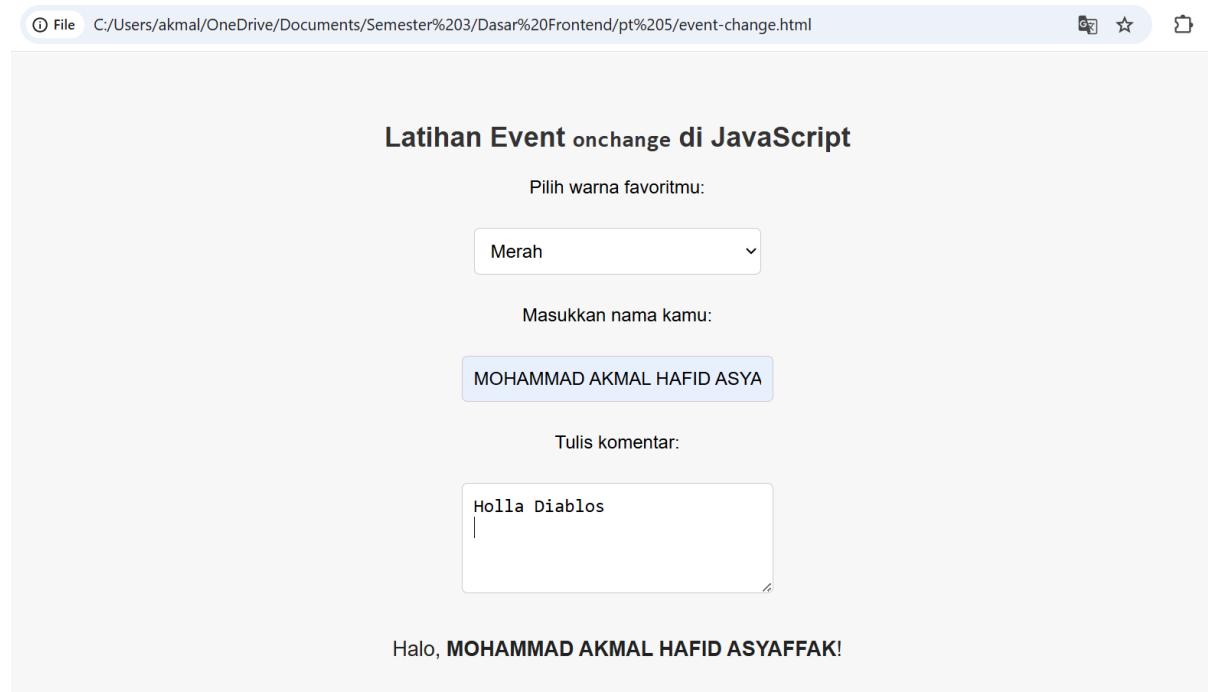
function ubahNama() {
    const nama = document.getElementById("nama").value;
    hasil.innerHTML = " Halo, <b>" + nama + "</b>" ;
}

function ubahKomentar() {
    const komentar = document.getElementById("komentar").value;
    hasil.innerHTML = " Komentar kamu: <i>\"" + komentar + "\"</i>";
}
</script>

</body>
</html>

```

Output



Event-click

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Latihan Event click</title>
</head>
<body>

```

```
<h2>Latihan Event onclick</h2>
<p id="teks">Teks ini akan berubah setelah tombol diklik.</p>
<button onclick="ubahTeks()">Klik Saya</button>

<script>
    function ubahTeks() {
        document.getElementById("teks").innerHTML = "Teks berhasil diubah!";
    }

    const btnLogin = document.getElementById("hello-stikompgri");
    btnLogin.addEventListener("click", function(){
        alert("Hello Stikom PGRI");
    });
</script>
</body>
</html>
```

Output

← → ⌂ ⓘ File C:/Users/akmal/OneDrive/Documents/Semester%203/

Latihan Event onclick

Teks berhasil diubah!

Klik Saya

Event-Form

```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Latihan Event Form</title>
```

```
<style>
body {
    font-family: Arial, sans-serif;
    background-color: #f7f7f7;
    text-align: center;
    margin-top: 40px;
}

h2 {
    color: #333;
}

form {
    background-color: #fff;
    width: 350px;
    margin: 0 auto;
    padding: 20px;
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0,0,0,0.1);
    text-align: left;
}

label {
    display: block;
    margin-top: 10px;
    font-weight: bold;
}

input, select, textarea, button {
    width: 100%;
    padding: 10px;
    margin-top: 5px;
    font-size: 14px;
    border: 1px solid #ccc;
    border-radius: 5px;
    outline: none;
}

input:focus, textarea:focus {
    border-color: dodgerblue;
    background-color: #eef7ff;
}

button {
    background-color: dodgerblue;
    color: white;
    border: none;
    cursor: pointer;
```

```
        margin-top: 15px;
    }

button:hover {
    background-color: royalblue;
}

#pesan {
    text-align: center;
    margin-top: 20px;
    font-size: 16px;
    color: #333;
}
</style>
</head>
<body>

<h2> Latihan Event Form di JavaScript</h2>

<form id="formData" onsubmit="return kirimForm()">
    <label>Nama Lengkap:</label>
    <input type="text" id="nama" onfocus="fokusInput(this)"
onblur="blurInput(this)" placeholder="Masukkan nama Anda">

    <label>Email:</label>
    <input type="email" id="email" onfocus="fokusInput(this)"
onblur="blurInput(this)" placeholder="Masukkan email Anda">

    <label>Jenis Kelamin:</label>
    <select id="gender" onchange="ubahGender()">
        <option value="">-- Pilih --</option>
        <option value="Laki-laki">Laki-laki</option>
        <option value="Perempuan">Perempuan</option>
    </select>

    <label>Komentar:</label>
    <textarea id="komentar" rows="4" onfocus="fokusInput(this)"
onblur="blurInput(this)" placeholder="Tulis komentar..."></textarea>

    <button type="submit">Kirim</button>
</form>

<div id="pesan">Isi form di atas untuk melihat event-nya bekerja.</div>

<script>
const pesan = document.getElementById("pesan");

function fokusInput(el) {
```

```

el.style.backgroundColor = "#e0f7fa";
pesan.innerHTML = " Sedang mengisi: " + el.placeholder;
}

function blurInput(el) {
    el.style.backgroundColor = "white";
    pesan.innerHTML = " Selesai mengisi " + el.placeholder;
}

function ubahGender() {
    const gender = document.getElementById("gender").value;
    if (gender) {
        pesan.innerHTML = " Anda memilih: " + gender;
    } else {
        pesan.innerHTML = "Pilih jenis kelamin terlebih dahulu.";
    }
}

function kirimForm() {
    const nama = document.getElementById("nama").value.trim();
    const email = document.getElementById("email").value.trim();
    const komentar = document.getElementById("komentar").value.trim();

    if (nama === "" || email === "" || komentar === "") {
        alert(" Semua kolom wajib diisi!");
        return false;
    }

    alert(" Terima kasih, " + nama + "! Formulir berhasil dikirim.");
    pesan.innerHTML = "Form dikirim oleh: <b>" + nama + "</b> (" + email +
");
    return false;
}
</script>

</body>
</html>

```

Output

File C:/Users/akmal/OneDrive/Documents/Semester%203/Dasar%20Frontend/pt%205/event-form.html

Latihan Event Form di JavaScript

Nama Lengkap:
MOHAMMAD AKMAL HAFID ASYAFFAK

Email:
akmalhafid70@gmail.com

Jenis Kelamin:
Laki-laki

Komentar:
Jangan Lupa Makan

Kirim

Form dikirim oleh: MOHAMMAD AKMAL HAFID ASYAFFAK (akmalhafid70@gmail.com)

Event-Key

```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Latihan Event Keyboard</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            text-align: center;
            margin-top: 60px;
        }

        h2 {
            color: #333;
        }

        input {
            padding: 10px;
            width: 250px;
            font-size: 16px;
            margin-top: 20px;
            border-radius: 5px;
            border: 1px solid #ccc;
            outline: none;
        }
    </style>

```

```
#pesan {
    margin-top: 25px;
    font-size: 18px;
    color: #222;
}

#log {
    margin-top: 15px;
    font-family: monospace;
    background-color: #fff;
    padding: 10px;
    border: 1px solid #ddd;
    width: 300px;
    margin-left: auto;
    margin-right: auto;
    border-radius: 5px;
}
</style>
</head>
<body>

<h2>III Latihan Event Keyboard di JavaScript</h2>
<p>Ketik sesuatu di dalam kotak input di bawah ini:</p>

<input type="text" id="teksInput"
       onkeydown="tekanTombol(event)"
       onkeypress="tombolDitekan(event)"
       onkeyup="lepasTombol(event)"
       placeholder="Ketik di sini..." />

<div id="pesan">Event keyboard akan muncul di sini...</div>

<div id="log"></div>

<script>
    const pesan = document.getElementById("pesan");
    const log = document.getElementById("log");

    function tekanTombol(e) {
        pesan.innerHTML = "⬇️ Event: onkeydown – Tombol ditekan";
        log.innerHTML = "Kode tombol: " + e.key + " (" + e.keyCode + ")";
    }

    function tombolDitekan(e) {
        pesan.innerHTML = "👉 Event: onkeypress – Menekan karakter";
    }
</script>
```

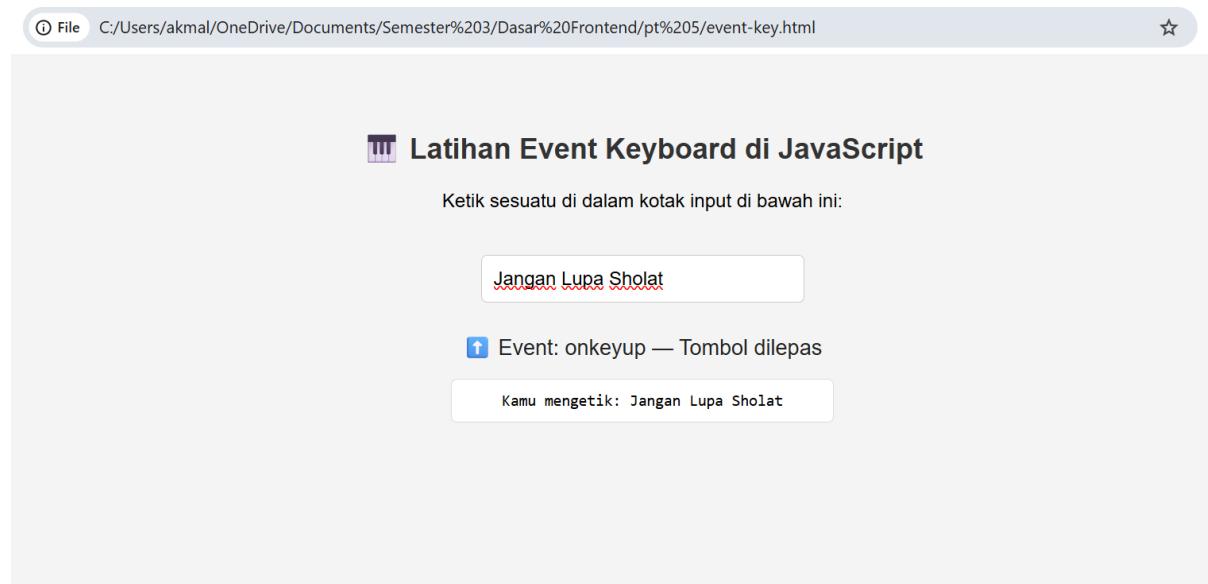
```

function lepasTombol(e) {
    pesan.innerHTML = "↑ Event: onkeyup — Tombol dilepas";
    log.innerHTML = "Kamu mengetik: " + e.target.value;
}
</script>

</body>
</html>

```

Output



Mouse-event

```

<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Latihan Mouse Event</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            text-align: center;
            margin-top: 50px;
            background-color: #f4f4f4;
        }

        h2 {
            color: #333;
        }

        #kotak {

```

```

width: 200px;
height: 200px;
background-color: lightblue;
border-radius: 10px;
margin: 20px auto;
line-height: 200px;
font-weight: bold;
color: #333;
transition: 0.3s;
}

button {
padding: 10px 20px;
margin: 10px;
font-size: 16px;
cursor: pointer;
}
</style>
</head>
<body>

<h2> Latihan Mouse Event di JavaScript</h2>

<div id="kotak"
    onclick="klikSekali()"
    ondblclick="klikGanda()"
    onmouseover="mouseMasuk()"
    onmouseout="mouseKeluar()"
    onmousedown="tahanKlik()"
    onmouseup="lepasKlik()">
    Arahkan / Klik Saya
</div>

<p id="pesan">Gerakkan atau klik kotak di atas untuk melihat hasil event.</p>

<script>
const kotak = document.getElementById("kotak");
const pesan = document.getElementById("pesan");

function klikSekali() {
    kotak.style.backgroundColor = "yellow";
    pesan.innerHTML = " Event: Klik sekali (onclick)";
}

function klikGanda() {
    kotak.style.backgroundColor = "orange";
    pesan.innerHTML = " Event: Klik ganda (ondblclick)";
}

```

```
}

function mouseMasuk() {
    kotak.style.backgroundColor = "lightgreen";
    pesan.innerHTML = " Event: Kursor masuk (onmouseover)";
}

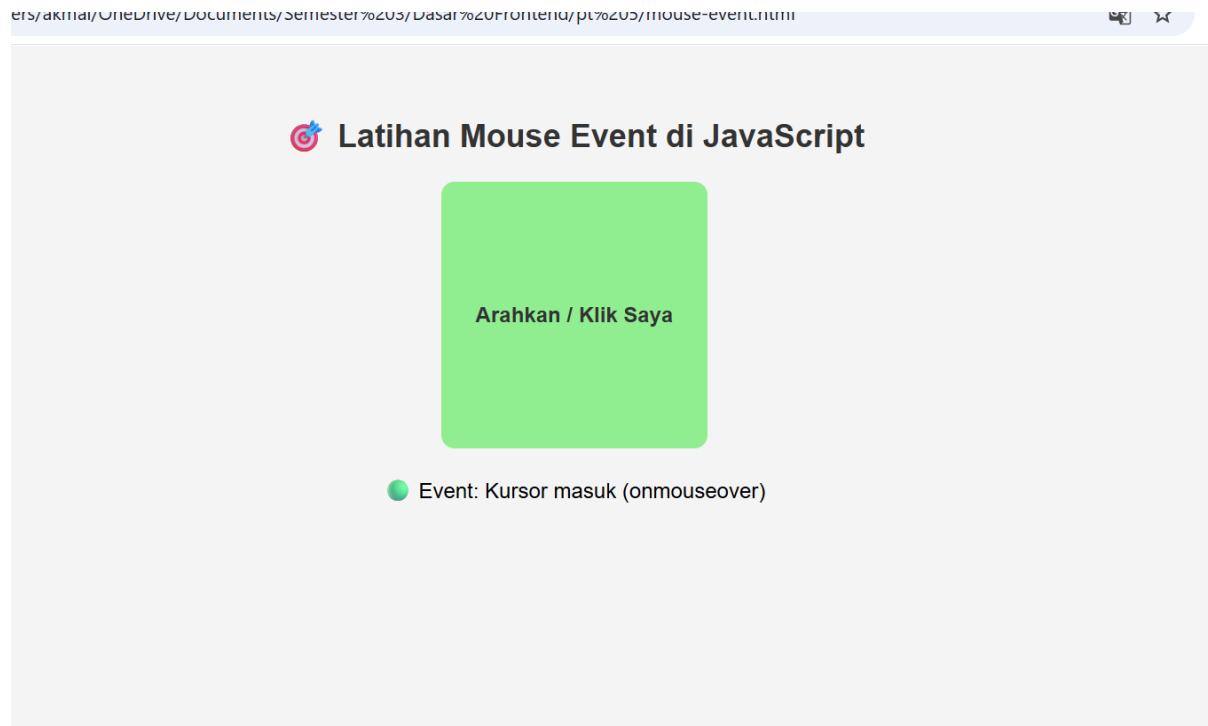
function mouseKeluar() {
    kotak.style.backgroundColor = "lightblue";
    pesan.innerHTML = " Event: Kursor keluar (onmouseout)";
}

function tahanKlik() {
    kotak.style.backgroundColor = "red";
    pesan.innerHTML = " Event: Klik ditekan (onmousedown)";
}

function lepasKlik() {
    kotak.style.backgroundColor = "pink";
    pesan.innerHTML = " Event: Klik dilepas (onmouseup)";
}
</script>

</body>
</html>
```

Output



Tugas-event

```
<!DOCTYPE html>
<html lang="id">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Program Penjualan Motor</title>
<style>
  * {
    box-sizing: border-box;
    font-family: "Segoe UI", sans-serif;
  }

  body {
    background: #f2f6fc;
    display: flex;
    justify-content: center;
    padding: 40px;
  }

  .container {
    background: white;
    border-radius: 15px;
    box-shadow: 0 4px 15px rgba(0,0,0,0.1);
    padding: 30px;
    width: 700px;
  }

  h2 {
    text-align: center;
    color: #2b3a67;
    letter-spacing: 1px;
    margin-bottom: 25px;
  }

  table {
    width: 100%;
    border-spacing: 10px;
  }

  td {
    padding: 8px 0;
    vertical-align: top;
  }

  select, input[type="text"], input[type="button"], input[type="reset"] {
    width: 100%;
    padding: 8px;
  }
```

```
border: 1px solid #ccc;
border-radius: 8px;
}

input[type="button"], input[type="reset"] {
    width: 48%;
    background-color: #2b3a67;
    color: white;
    border: none;
    cursor: pointer;
    transition: 0.3s;
    font-weight: bold;
}

input[type="reset"] {
    background-color: #999;
}

input[type="button"]:hover {
    background-color: #40528a;
}

input[type="reset"]:hover {
    background-color: #777;
}

.aksi {
    display: flex;
    justify-content: space-between;
    margin-top: 15px;
}

.info {
    margin-top: 25px;
    padding: 15px;
    background: #f9fafc;
    border-left: 5px solid #2b3a67;
    font-size: 14px;
    color: #333;
}

.harga-table {
    margin-top: 25px;
    display: flex;
    justify-content: space-between;
    gap: 20px;
}
```

```

.harga-table table {
    width: 48%;
    border-collapse: collapse;
}

.harga-table th {
    background: #2b3a67;
    color: white;
}

.harga-table th, .harga-table td {
    border: 1px solid #ccc;
    text-align: center;
    padding: 8px;
}


```

</style>

</head>

<body>

```

<div class="container">
    <h2>PROGRAM PENJUALAN MOTOR</h2>

    <form name="formMotor">
        <table>
            <tr>
                <td width="35%">Merk Motor</td>
                <td>
                    <select name="merk" id="merk">
                        <option value="Honda">Honda</option>
                        <option value="Yamaha">Yamaha</option>
                        <option value="Suzuki">Suzuki</option>
                        <option value="Piaggio">Piaggio</option>
                    </select>
                </td>
            </tr>
            <tr>
                <td>Aksesoris</td>
                <td>
                    <label><input type="checkbox" name="aksesoris" value="Velg"> Velg Racing</label><br>
                    <label><input type="checkbox" name="aksesoris" value="Helm"> Helm</label><br>
                    <label><input type="checkbox" name="aksesoris" value="Jaket"> Jaket</label><br>
                    <label><input type="checkbox" name="aksesoris" value="Knalpot"> Knalpot</label>
                </td>
            </tr>
        </table>
    </form>

```

```

        </tr>
        <tr>
            <td>Cara Pembayaran</td>
            <td>
                <label><input type="radio" name="bayar" value="Tunai"> Tunai</label>
                <label><input type="radio" name="bayar" value="Kredit">
                    Kredit</label>
            </td>
        </tr>
        <tr>
            <td>Harga</td>
            <td><input type="text" id="harga" readonly></td>
        </tr>
        <tr>
            <td>Bunga / Diskon</td>
            <td><input type="text" id="bungaDiskon" readonly></td>
        </tr>
        <tr>
            <td>Total Bayar</td>
            <td><input type="text" id="total" readonly></td>
        </tr>
    </table>

    <div class="aksi">
        <input type="button" value="Proses" onclick="proses()">
        <input type="reset" value="Reset">
    </div>
</form>

<div class="harga-table">
    <table>
        <tr><th>Merk Motor</th><th>Harga</th></tr>
        <tr><td>Honda</td><td>15.000.000</td></tr>
        <tr><td>Yamaha</td><td>14.000.000</td></tr>
        <tr><td>Suzuki</td><td>13.000.000</td></tr>
        <tr><td>Piaggio</td><td>35.000.000</td></tr>
    </table>

    <table>
        <tr><th>Aksesoris</th><th>Harga</th></tr>
        <tr><td>Velg Racing</td><td>450.000</td></tr>
        <tr><td>Helm</td><td>250.000</td></tr>
        <tr><td>Jaket</td><td>300.000</td></tr>
        <tr><td>Knalpot</td><td>1.200.000</td></tr>
    </table>
</div>

<div class="info">

```

```

💡 <b>Catatan:</b><br>
Jika membayar secara <b>Tunai</b> akan mendapat <b>diskon 10%</b>.<br>
Jika membayar secara <b>Kredit</b> akan dikenakan <b>bunga 15%</b>.

</div>
</div>

<script>
function proses() {
    let merk = document.getElementById("merk").value;
    let hargaMotor = 0;

    if (merk === "Honda") hargaMotor = 15000000;
    else if (merk === "Yamaha") hargaMotor = 14000000;
    else if (merk === "Suzuki") hargaMotor = 13000000;
    else if (merk === "Piaggio") hargaMotor = 35000000;

    let aksesoris = document.getElementsByName("aksesoris");
    let hargaAksesoris = 0;
    for (let a of aksesoris) {
        if (a.checked) {
            if (a.value === "Velg") hargaAksesoris += 450000;
            else if (a.value === "Helm") hargaAksesoris += 250000;
            else if (a.value === "Jaket") hargaAksesoris += 300000;
            else if (a.value === "Knalpot") hargaAksesoris += 1200000;
        }
    }

    let totalHarga = hargaMotor + hargaAksesoris;

    let pembayaran = document.getElementsByName("bayar");
    let bungaDiskon = 0;
    for (let b of pembayaran) {
        if (b.checked) {
            if (b.value === "Tunai") bungaDiskon = -(0.10 * totalHarga);
            else if (b.value === "Kredit") bungaDiskon = 0.15 * totalHarga;
        }
    }

    let totalBayar = totalHarga + bungaDiskon;

    document.getElementById("harga").value = "Rp " +
    totalHarga.toLocaleString('id-ID');
    document.getElementById("bungaDiskon").value = "Rp " +
    bungaDiskon.toLocaleString('id-ID');
    document.getElementById("total").value = "Rp " +
    totalBayar.toLocaleString('id-ID');
}
</script>

```

```
</body>  
</html>
```

Output

The screenshot shows a web-based application titled "PROGRAM PENJUALAN MOTOR". The interface includes fields for selecting a motorcycle brand (Piaggio), choosing accessories (Velg Racing, Helm, Jaket, Knalpot), specifying payment method (Tunai or Kredit), and displaying prices (Harga, Bunga / Diskon, Total Bayar). Buttons for "Proses" and "Reset" are present, along with a navigation bar at the bottom.

File C:/Users/akmal/OneDrive/Documents/Semester%203/Dasar%20Frontend/pt%205/Tugas-event.html

PROGRAM PENJUALAN MOTOR

Merk Motor: Piaggio

Aksesoris:

- Velg Racing
- Helm
- Jaket
- Knalpot

Cara Pembayaran:

Harga: Rp 36.650.000

Bunga / Diskon: Rp 5.497.500

Total Bayar: Rp 42.147.500

Buttons: Proses, Reset

Merk Motor	Harga	Aksesoris	Harga
------------	-------	-----------	-------

cerah

Windows taskbar icons: Search, File Explorer, Edge, File, Google Chrome, WhatsApp, Microsoft Teams, Microsoft Word, and system status icons.