

Laporan Praktikum

Pemrograman Web 1

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Kelas : TINFC – 2023 – 04

Teknik Informatika
Fakultas Ilmu Komputer
Universitas Kuningan

PRAKTIKUM

1. M6-1

```
<!DOCTYPE html>
<html lang = "id">
  <head>
    <meta charset = "UTF-8" />
    <meta name = "viewport" content = "width=device-width", initial-scale = 1.0>
    <title>JQuery</title>
    <script src = "jquery-3.7.1.js"></script>
    <script>
      $(document).ready(function(){
        $(".tampil").hide();
        $(".sembunyi").click(function(){
          $(".uniku").hide("slow");
          $(".tampil").show();
          $(".sembunyi").hide();
        });
        $(".tampil").click(function(){
          $(".uniku").show("slow");
          $(".tampil").hide();
          $(".sembunyi").show();
        });
      });
    </script>
  </head>
  <body>
    <button class = "sembunyi">Hide</button>
    <button class = "tampil">Show</button>
    <div class = "uniku">Universitas Kuningan</div>
  </body>
</html>
```



2. M6-2

```
<!DOCTYPE html>
<html lang = "id">
  <head>
    <meta charset = "UTF-8" />
    <meta name = "viewport" content = "width=device-width", initial-scale = 1.0>
    <title>JQuery</title>
    <script src = "jquery-3.7.1.js"></script>
    <script>
```

```

$(document).ready(function(){
    $(".fadeout").click(function(){
        $("img").fadeOut();
    });
    $(".fadein").click(function(){
        $("img").fadeIn();
    });
    $(".fadetoggle").click(function(){
        $("img").fadeToggle();
        $("img").css("background-color", "orange");
    });
    $(".fadeto").click(function(){
        $("img").fadeTo("slow", 0.5);
        $("img").css("background-color", "light-pink");
    });
});
</script>
</head>
<body>
    <button class = "fadeout" style = "background-color : #add8e6;">Fade Out</button>
    <button class = "fadein" style = "background-color : #00bfff;">Fade In</button>
    <button class = "fadetoggle" style = "background-color : #ffa500;">Fade Toggle</button>
    <button class = "fadeto" style = "background-color : #ffb6c1;">Fade To</button>
    <br/>
    <img src =
"https://th.bing.com/th/id/OIP.LWVwJY4gfS7oVBdnVQauAQHaHa?rs=1&pid=ImgDetMain"
width = "300" height = "300"/>
</body>
</html>

```



```

<!DOCTYPE html>
<html lang = "id">
  <head>
    <meta charset = "UTF-8" />
    <meta name = "viewport" content = "width=device-width", initial-scale = 1.0>
    <title>JQuery</title>
    <script src = "jquery-3.7.1.js"></script>
    <style>
      .tab{
        display : none;
      }
      .tab-button{
        background-color : #f1f1f1;
        cursor : pointer;
        padding : 10px;
        border : 1px solid #ccc;
        display : inline-block;
      }
      .active{
        background-color : #ccc;
      }
    </style>
  </head>
  <body>
    <h1>Tugas Web Developer</h1>
    <div>
      <div class = "tab-button active" data-tab = "tab1">Tab 1</div>
      <div class = "tab-button" data-tab = "tab2">Tab 2</div>
      <div class = "tab-button" data-tab = "tab3">Tab 3</div>
    </div>
    <div id = "tab1" class = "tab" style = "display : block">
      <h2>Front-End Developer</h2>
      <p>Mengoptimalkan Fungsi Aplikasi berdasarkan User Interface (UI)
        dan User Experience (UX).</p>
    </div>

    <div id = "tab2" class = "tab">
      <h2>Back-End Development</h2>
      <p>Berjalan di Sisi Server dengan Mengelola Data menjadi
        Informasi dari Database.
      </p>
    </div>

    <div id = "tab3" class = "tab">
      <h2>Full-Stack Development</h2>
      <p>Memiliki Kemampuan di Kedua Sisi yaitu, Front-End dan Back-End, Sehingga Dapat
        Menangani Semua Aspek Pengembangan Web.

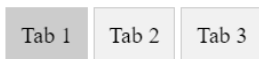
```

```

    </p>
  </div>
  <script>
    $(document).ready(function(){
      $(".tab-button").click(function(){
        $(".tab").hide();
        $(".tab-button").removeClass("active");
        tabToShow = $(this).data("tab");
        $("#" + tabToShow).show();
        $(this).addClass("active");
      });
    });
  </script>
</body>
</html>

```

Tugas Web Developer



Front-End Developer

Mengoptimalkan Fungsi Aplikasi berdasarkan User Interface (UI) dan User Experience (UX).

4. M6-4

```

<!DOCTYPE html>
<html lang = "id">
  <head>
    <meta charset = "UTF-8" />
    <meta name = "viewport" content = "width=device-width", initial-scale = 1.0>
    <title>Pie Chart dan Bar Chart</title>
    <script src = "jquery-3.7.1.js"></script>
    <script src = "chart.js"></script>
  </head>
  <body>
    <h1>Data Tingkat Pendidikan Masyarakat (dalam %)</h1>
    <h2>Tahun 2024</h2>
    <canvas id = "myPieChart"></canvas>
    <script>
      $(document).ready(function(){
        pieData = {
          labels : ["SD", "SMP", "SMA"],
          datasets : [
            {
              data : [50, 30, 20],
              backgroundColor : ["#ff6384", "#36a2eb", "#ffce56"]
            }
          ]
        }
      });
    </script>
  </body>
</html>

```

```

        }
    ]
}
ctxPie = document.getElementById("myPieChart").getContext("2d");
myPieChart = new Chart(ctxPie, {
    type : "pie",
    data : pieData,
});
});
</script>
</body>
</html>

```

Data Tingkat Pendidikan Masyarakat (dalam %)

Tahun 2024

5. M5-5

```

<!DOCTYPE html>
<html lang = "id">
<head>
    <meta charset = "UTF-8" />
    <meta name = "viewport" content = "width=device-width", initial-scale = 1.0>
    <title>Akses Kamera dengan JQuery</title>
    <script src = "jquery-3.7.1.js"></script>
</head>
<body>
    <h1>Menampilkan Video dari Kamera</h1>
    <button id = "start">Mulai Kamera</button>
    <button id = "stop">Hentikan Kamera</button>
    <script>
        $(document).ready(function(){
            const video = document.createElement("video");
            let mediaStream;

            $("#start").click(function(){
                navigator.mediaDevices
                    .getUserMedia({video: true})
                    .then(function(stream){
                        mediaStream = stream;
                        video.srcObject = stream;
                    })
                    .catch(function(err){
                        console.error("Gagal mengakses Kamera: " + err);
                    });
            });
        });
    </script>

```

```

});
$("#stop").click(function(){
    if(mediaStream){
        mediaStream.getTracks().forEach((track) => track.stop());
        video.srcObject = null;
    }
});
});
</script>
</body>
</html>

```

menampilkan video dari kamera



6. M6-6

```

<!DOCTYPE html>
<html lang = "id">
  <head>
    <meta charset = "UTF-8" />
    <meta name = "viewport" content = "width=device-width, initial-scale = 1.0">
    <title>Manipulasi DOM dengan JQuery</title>
    <script src = "jquery-3.7.1.js"></script>
  </head>
  <body>
    <h1>Manipulasi DOM dengan JQuery</h1>
    <button id = "tambah">Tambah Data</button>
    <button id = "ubah">Ubah Data Pertama</button>
    <button id = "hapus">Hapus Data Terakhir</button>
    <div id = "output">
      <div class = "item">Data 1</div>
      <div class = "item">Data 2</div>
      <div class = "item">Data 3</div>
    </div>
  </body>
</html>

```

```

</div>
<script>
$(document).ready(function(){
    $("#tambah").on("click", function(){
        $("#output").append('<div class = "item">Data Baru</div>');
    });
    $("#ubah").on("click", function(){
        $("#output .item:first").text("Data Pertama Diubah");
    });
    $("#hapus").on("click", function(){
        $("#output .item:last").remove();
    });
});
</script>
</body>
</html>

```

Manipulasi DOM dengan JQuery

Data 1
 Data 2
 Data 3

7. M6-7

```

<!DOCTYPE html>
<html lang = "id">
<head>
<meta charset = "UTF-8" />
<meta name = "viewport" content = "width=device-width, initial-scale = 1.0">
<title>Penerapan Event Handling dengan JQuery</title>
<script src = "jquery-3.7.1.js"></script>
<style>
  body {
    font-family: Arial, sans-serif;
    margin : 20px;
  }
  .box {
    width : 100px;
    height : 100px;
    background-color : lightblue;
    display : inline-block;
    text-align : center;
    line-height : 100px;
    font-weight : bold;
  }

```



```

        cursor : pointer;
        transition : background-color 0.3s;
    }
</style>
</head>
<body>
    <h1>Penerapan Event Handling dengan JQuery</h1>
    <div class = "box" id = "box1">Box 1</div>
    <div class = "box" id = "box2">Box 2</div>
    <div class = "box" id = "box3">Box 3</div>
    <script>
        $(document).ready(function(){
            $(".box").on("click", function(){
                $(this).toggleClass("active");
                alert('Anda mengklik ${$(this).text()}');
            });
            $(".box").on("mouseenter", function(){
                $(this).css("background-color", "lightgreen");
            });
            $(".box").on("mouseleave", function(){
                $(this).css("background-color", "lightblue");
            });
        });
    </script>
</body>
</html>

```

Penerapan Event Handling dengan JQuery



TUGAS

1. Perhitungan.html

```

<!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>
    <link rel="stylesheet" href="styles1.css">
    <script src="../../praktikum/js/jquery-3.7.1.min.js"></script>
</head>

```

```

<body>
  <div class="container">
    <h2>Form Pemesanan</h2>
    <form id="formPemesanan">
      <table>
        <tr>
          <td>Nama Pemesan:</td>
          <td><input type="text" id="namaPemesan" name="namaPemesan"
placeholder="Masukan Nama" required></td>
        </tr>
        <tr>
          <td>Jenis Kelamin:</td>
          <td>
            <label>
              <input type="radio" id="jenisKelaminL" name="jenisKelamin" value="Laki-
laki"> Laki-laki
            </label>
            <label>
              <input type="radio" id="jenisKelaminP" name="jenisKelamin"
value="Perempuan"> Perempuan
            </label>
          </td>
        </tr>
        <tr>
          <td>Nomor Identitas:</td>
          <td><input type="text" id="nomorIdentitas" name="nomorIdentitas"
maxlength="16" placeholder="Masukkan Nomor Identitas" required></td>
        </tr>
        <tr>
          <td>Tipe Kamar:</td>
          <td>
            <select id="tipeKamar" name="tipeKamar" required>
              <option value="">--Pilih--</option>
              <option value="standar" data-harga="500000">Standar</option>
              <option value="deluxe" data-harga="800000">Deluxe</option>
              <option value="family" data-harga="1200000">Family</option>
            </select>
          </td>
        </tr>
        <tr>
          <td>Harga:</td>
          <td><input type="text" id="harga" name="harga" placeholder="Otomatis"
readonly></td>
        </tr>
        <tr>
          <td>Tanggal Pesan:</td>
          <td><input type="date" id="tanggalPesan" name="tanggalPesan" required></td>
        </tr>
      </table>
    </form>
  </div>
</body>

```

```

        <tr>
            <td>Durasi Menginap:</td>
            <td><input type="number" id="durasiMenginap" name="durasiMenginap"
min="1" placeholder="Masukkan Durasi Menginap" required></td>
            <td>Hari</td>
        </tr>
        <tr>
            <td>Termasuk Breakfast:</td>
            <td><input type="checkbox" id="termasukBreakfast"
name="termasukBreakfast"> Ya</td>
        </tr>
        <tr>
            <td>Total Bayar:</td>
            <td><input type="text" id="totalBayar" name="totalBayar"
placeholder="Otomatis" readonly></td>
        </tr>
    </table>
    <div class="buttons">
        <button type="button" class="save">Simpan</button>
        <button type="reset" class="cancel">Batal</button>
    </div>
</form>
<!-- div untuk menampilkan struk -->
<div id="strukOutput" style="margin-top: 20px; border: 1px solid #ff0000; padding:
10px; display: none;"></div>
</div>

<script>
$(document).ready(function () {
    //otomatis masukkan harga ke input harga saat tipe kamar dipilih,
    $("#tipeKamar").change(function () {
        const hargaKamar = $(this).find(":selected").data("harga") || 0;
        $("#harga").val(`Rp ${hargaKamar.toLocaleString("id-ID")}`);
    });

    $("#formPemesanan .save").click(function () {
        const namaPemesan = $("#namaPemesan").val();
        const jenisKelamin = $('input[name="jenisKelamin"]:checked').val();
        const nomorIdentitas = $("#nomorIdentitas").val();
        const tipeKamar = $("#tipeKamar option:selected").text();
        const hargaKamar = $("#tipeKamar").find(":selected").data("harga") || 0;
        const durasiMenginap = parseInt($("#durasiMenginap").val());
        const termasukBreakfast = $("#termasukBreakfast").is(":checked");

        if (!namaPemesan || !jenisKelamin || !nomorIdentitas || !tipeKamar ||
durasiMenginap <= 0 || nomorIdentitas.length < 16) {
            alert("Harap isi semua data dengan benar!");
            return;

```

```

    }

    //menghitung total biaya
    let total = hargaKamar * durasiMenginap;
    let diskon = 0;

    //tambah diskon 10% jika menginap lebih dari 3 hari
    if (durasiMenginap > 3) {
        diskon = total * 0.1;
        total -= diskon;
    }

    //tambahan biaya breakfast jika dipilih
    if (termasukBreakfast) {
        total += 80000;
    }

    //total bayar
    $("#totalBayar").val(`Rp ${total.toLocaleString("id-ID")}`);

    //menampilkan struk
    const struk = `
        <h3>STRUK PEMESANAN</h3>
        <p>Nama Pemesan : ${namaPemesan}</p>
        <p>Jenis Kelamin : ${jenisKelamin}</p>
        <p>Nomor Identitas : ${nomorIdentitas}</p>
        <p>Tipe Kamar : ${tipeKamar}</p>
        <p>Durasi Menginap : ${durasiMenginap} Hari</p>
        <p>Diskon : Rp ${diskon.toLocaleString("id-ID")}</p>
        <p>Total Bayar : Rp ${total.toLocaleString("id-ID")}</p>
    `;
    $("#strukOutput").html(struk).show();
});
$(".cancel").click(function () {
    $("#strukOutput").hide().html("");
});
});
</script>
</body>
</html>

```

Styles1.css

```

* {
    box-sizing: border-box;
}
body {
    font-family: Arial, sans-serif;
}

```

```

    background-image: url('https://th.bing.com/th/id/OIP.n5AfISWTJ9o-
qzaLQ3NySwHaJQ?w=960&h=1200&rs=1&pid=ImgDetMain');
    background-size: cover;
    background-position: center;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
}
.container {
    width: 500px;
    padding: 20px;
    background-color: #ffffff41;
    backdrop-filter: blur(5px);
    box-shadow: 0px 0px 15px rgba(0, 0, 0, 0.5);
    border-radius: 8px;
}
h2 {
    text-align: left;
    color: #333;
}
form {
    display: flex;
    flex-direction: column;
}
table {
    width: 100%;
    border-collapse: collapse;
    margin-bottom: 20px;
}
td {
    padding: 4px;
    color: #333;
    vertical-align: middle;
}
input[type="text"],
input[type="number"],
input[type="date"],
select {
    background-color: #ffffff1a;
    backdrop-filter: blur(5px);
    padding: 8px;
    border: 1px solid #cccccc;
    border-radius: 4px;
    width: 100%;
}
input[type="checkbox"] {

```

```
    margin-left: 0;
}
.buttons {
    display: flex;
    justify-content: space-evenly;
}
button {
    padding: 10px 20px;
    border: none;
    border-radius: 4px;
    color: #fff;
    cursor: pointer;
}
button.save {
    background-color: rgb(0, 123, 255);
    box-shadow: 0px 0px 8px rgb(0, 60, 255);
}
button.cancel {
    background-color: #ffc107;
    box-shadow: 0px 0px 8px rgb(255, 174, 0);
}
```

Form Pemesanan X

← → ↺ http://127.0.0.1:3000/modul6/tugas/perhitungan.html

Jenis Kelamin:
Nomor Identitas:
Tipe Kamar:
Harga:
Tanggal Pesan:
Durasi Menginap:
Termasuk Breakfast:
Total Bayar:

☒ Laki-laki ☐ Perempuan
1122334455667788
Deluxe
Rp 800.000
12 / 12 / 2024
6 Hari
☒ Ya
Rp 4.400.000

SimpanBatal

STRUK PEMESANAN
Nama Pemesan : Bayu Imantoro
Jenis Kelamin : Laki-laki
Nomor Identitas : 1122334455667788
Tipe Kamar : Deluxe
Durasi Menginap : 6 Hari
Diskon : Rp 480.000
Total Bayar : Rp 4.400.000