

Laporan Praktikum Pemrograman Web 1



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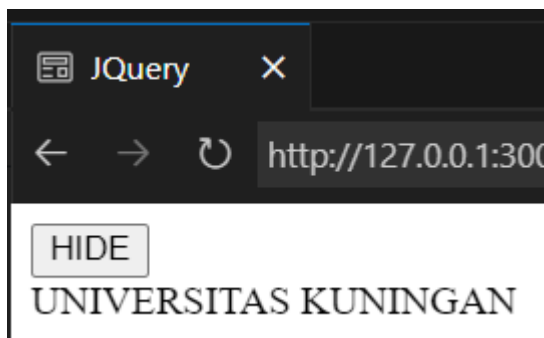
Kelas : TINFC-2023-04

**Teknik Informatika
Fakultas Ilmu Komputer
Universitas Kuningan**

1. 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>
  <!-- fuke js -->
  <script src="../js/jquery-3.7.1.js"></script>

  <script>
    $(document).ready(function(){
      $(".tampil").hide();
      $(".sembunyikan").click(function(){
        $(".uniku").hide("slow");
        $(".tampil").show();
        $(".sembunyikan").hide();
      })
      $(".tampil").click(function(){
        $(".uniku").show("slow");
        $(".sembunyikan").show();
        $(".tampil").hide();
      });
    });
  </script>
</head>
<body>
  <button class="sembunyikan">HIDE</button>
  <button class="tampil">SHOW</button>
  <div class="uniku">UNIVERSITAS KUNINGAN</div>
</body>
</html>
```



JQuery, ketika diklik hide tampilan UNIVERSITAS KUNINGAN tidak ditampilkan, ketika diklik show akan ditampilkan.

2. 2

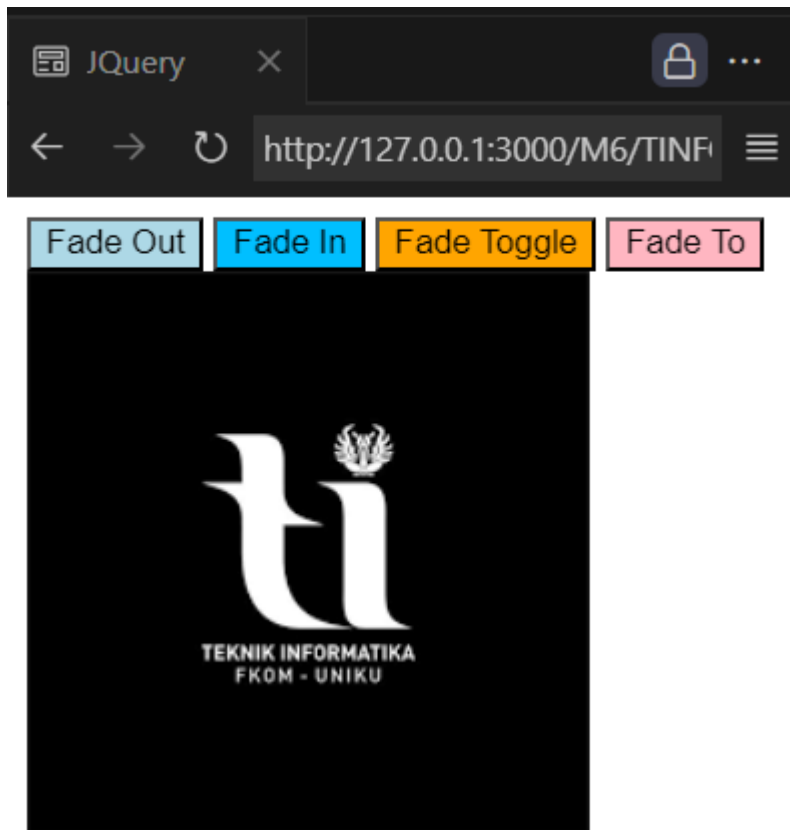
```
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>jQuery</title>
  <!-- file js -->
  <script src="../js/jquery-3.7.1.js"></script>

  <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", "lightpink");
      });
    });
  </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/>
  
</body>
</html>
```



Script JQuery, pada button Fade Out berfungsi untuk gambar keluar/tidak tampil, button Fade In gambar masuk/tampil, Button Fade Toggle seperti on off dua fungsi dalam 1 button, Fade To, menampilkan gambar dengan opacity 50.

3. 3

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

  <style>
    .tab{
      display: none; /* Menyembunyikan tab */
    }
    .tab-button{
      cursor: pointer;
      padding: 10px;
      background-color: #f1f1f1;
      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 id="tab1" class="tab" style="display: block;">
            <h2>Fornt-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 Developer</h2>
            <p>Berjalan di sisi server dengan mengelola data</p>
        </div>
        <div id="tab3" class="tab">
            <h2>Full-Stack Developer</h2>
            <p>Memiliki kemampuan di kedua sisi, yaitu fornt-end dan back-and,
sehingga dapat menangani semua aspek pengembangan web</p>
        </div>
    </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>

```



Script JQuery, untuk membuat tab dalam 1 file html, ketika tab yang diklik tab lainnya yang tidak tampil, hanya tampil tab yang diklik.

4. 4

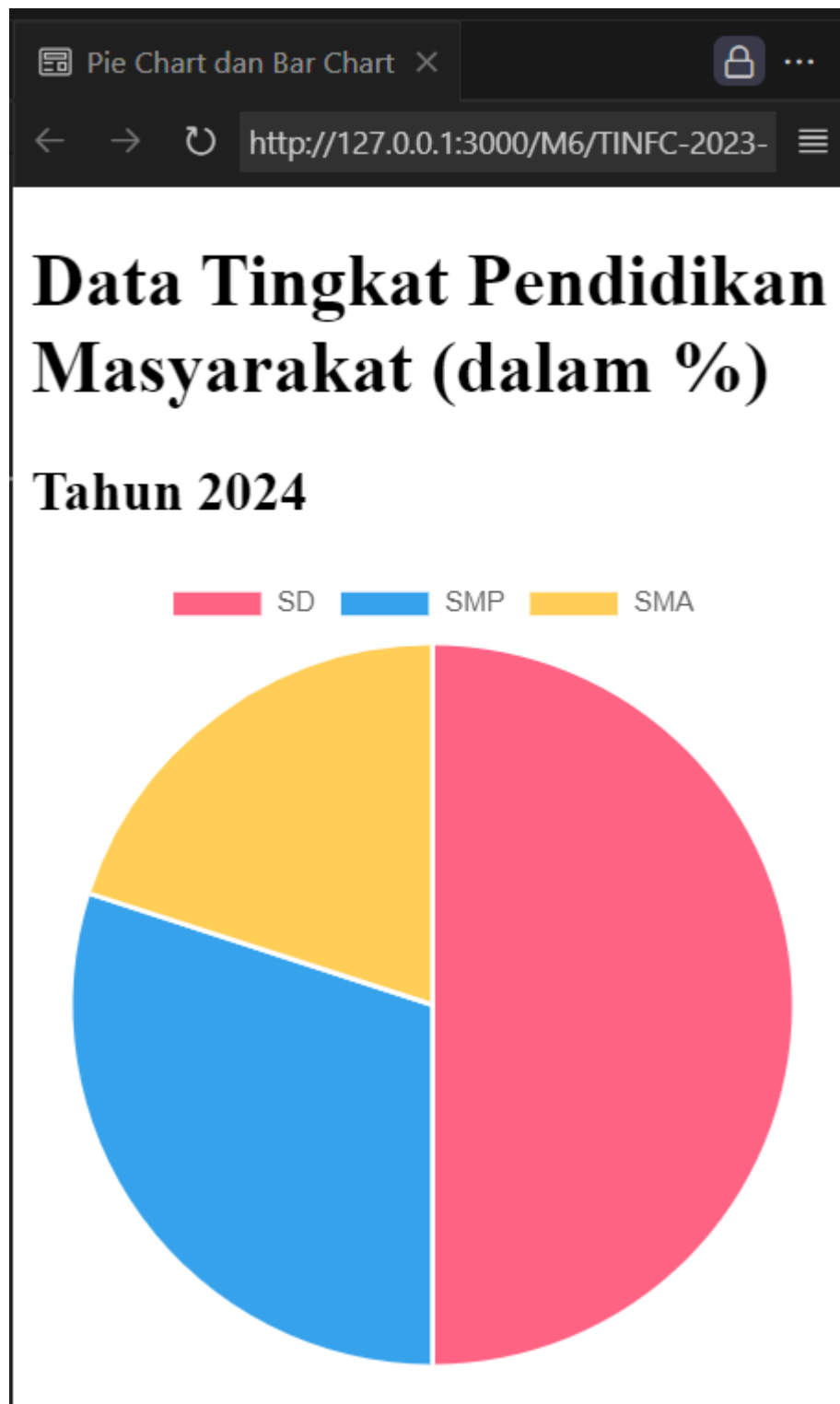
```
<!DOCTYPE html>
<html lang=id">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Pie Chart dan Bar Chart</title>
  <script src="./js/jquery-3.7.1.js"></script>
  <script src="./js/chart.js"></script>
</head>
<body>
  <h1>Data Tingkat Pendidikan Masyarakat (dalam %)</h1>

  <h2>Tahun 2024</h2>
  <canvas id="myPieChart"></canvas>

  <script>
    $(document).ready(function(){
      // Data untuk Pie Chart
      pieData = {
        labels: ["SD", "SMP", "SMA"],
        datasets: [
```

```
        {
            data: [50, 30, 20],
            backgroundColor: ["#FF6384", "#36A2EB", "#FFCE56"],
        },
    ],
}

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



Membuat data graphic menggunakan chart, berisikan data tingkat pendidikan masyarakat.


```

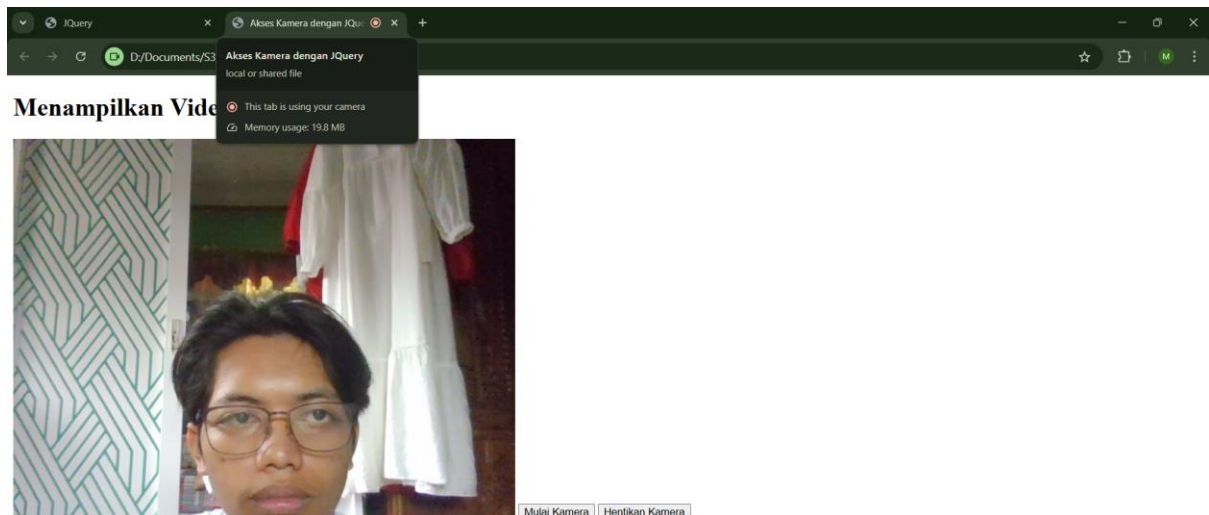
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Akses Kamera dengan JQuery</title>
  <!-- file js -->
  <script src="../js/jquery-3.7.1.js"></script>
</head>
<body>
  <h1>Menampilkan Video dari Kamera</h1>
  <video id="video" width="640" height="480" autoplay></video>
  <button id="start">Mulai Kamera</button>
  <button id="stop">Hentikan Kamera</button>

  <script>
    $(document).ready(function(){
      const video = document.getElementById("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);
          });
      });

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

```



Script JQuery untuk mengakses kamera user.

6. 6

```
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Memmanipulasi DOM dengan jquery</title>
  <script src="./js/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">Ubah Data Terakhir</button>

  <div id="output">
    <div class="item">Data1</div>
    <div class="item">Data2</div>
    <div class="item">Data3</div>
  </div>

  <script>
    $(document).ready(function() {
      $('#tambah').click(function() {
        $('#output').append('<div class="item">Data Baru</div>');
      });
    });
  </script>
</body>
</html>
```

```

        $('#ubah').click(function() {
            $('#output .item:first').text('Data Pertama Diubah');
        });

        $('#hapus').click(function() {
            $('#output .item:last').remove();
        });
    });
</script>
</body>
</html>

```



Button untuk menambahkan data baru mengubah data pertama, dan menghapus data terakhir.

7. 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 dengn JQuery</title>
    <script src="./js/jquery-3.7.1.js"></script>
    <style>
        body{
            font-family: Arial, sans-serif;
            margin: 20px;
        }
    </style>

```

```

        .box{
            width: 100px;
            height: 100px;
            background-color: lightblue;
            margin: 10px;
            display: inline-block;
            text-align: center;
            line-height: 100px;
            cursor: pointer;
            transition: background-color 0.3s;
        }
    </style>
</head>
<body>
    <h1>Penerapan Event Handling dengan jQuery</h1>

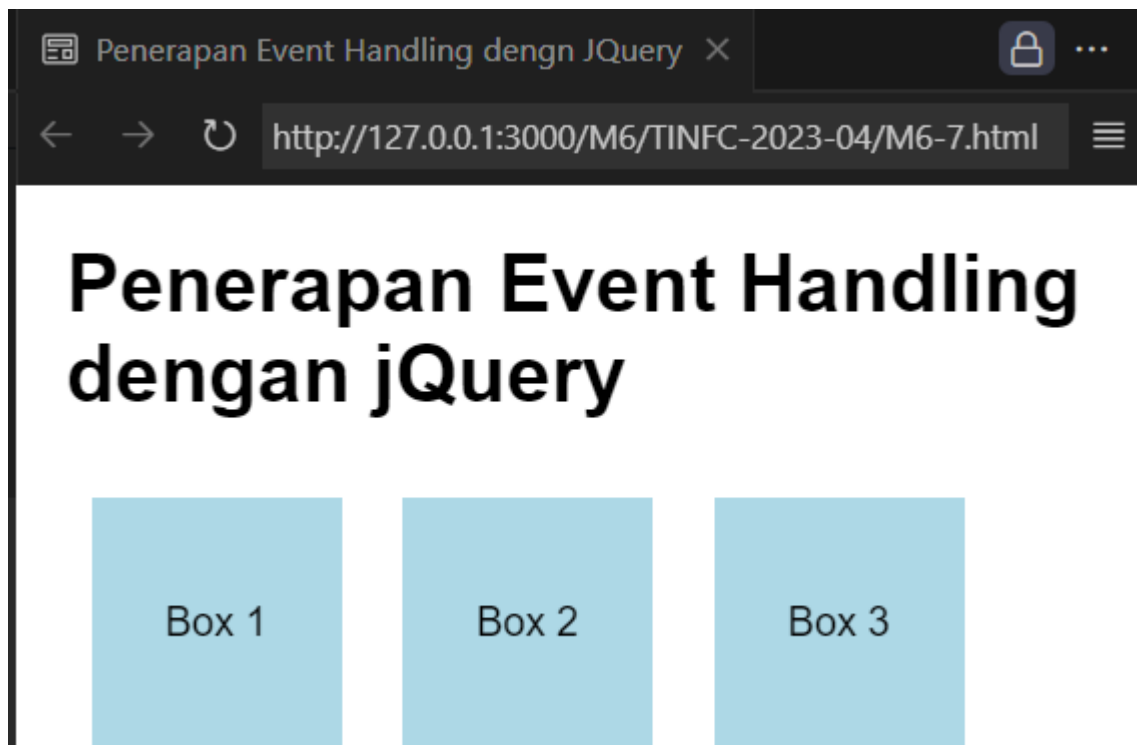
    <div class="box" id="box1">Box 1</div>
    <div class="box" id="box2">Box 2</div>
    <div class="box" id="box3">Box 3</div>

    <script>
        $(document).ready(function(){
            // Event click
            $(".box").on("click", function(){
                $(this).toggleClass("active");
                alert('Anda mengklik + $(this).attr("id")');
            })

            // Event mouseenter
            $(".box").on("mouseenter", function(){
                $(this).css("background-color", "lightgreen");
            })

            // Event mouseleave
            $(".box").on("mouseleave", function(){
                $(this).css("background-color", "lightblue");
            })
        })
    </script>
</body>
</html>

```



Hover agar ketika mouse ke box berubahwarna hijau ke tika diluar box kembali ke warna biru.