

**Report Praktikum**  
**Pemrograman Web 1**  
**Modul 6 : JQuery**

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**Program Studi Teknik Informatika**  
**Fakultas Ilmu Komputer**  
**Universitas Kuningan**  
**2024**

## Praktikum

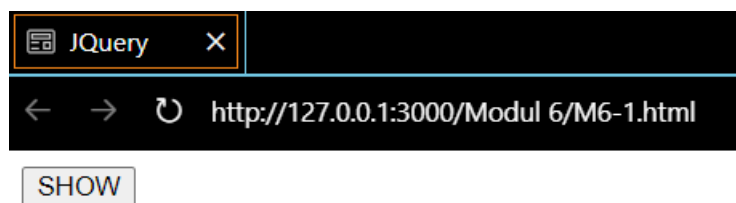
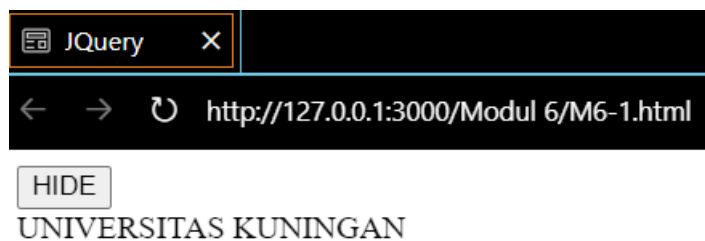
### 1. Praktikum 1

Code :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>JQuery</title>
  <script src="js/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");
        $(".sembunyi").show();
        $(".tampil").hide();
      });
    });
  </script>
</head>
<body>
  <button class="sembunyi">HIDE</button>
  <button class="tampil">SHOW</button>
  <div class="uniku">UNIVERSITAS KUNINGAN</div>
</body>
</html>
```

### Hasil



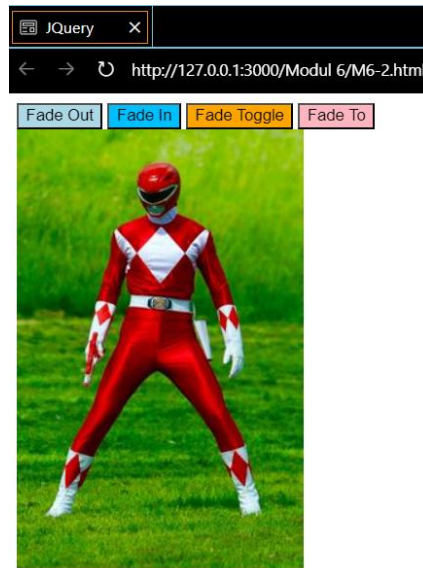
## 2. Praktikum 2

Code :

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

Hasil



### 3. Praktikum 3

Code :

```
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Tugas Web Developer</title>
  <script src="js/jquery-3.7.1.js"></script>
  <style>
    .tab {
      display: none;
    }
    .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>

  <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>
```

```

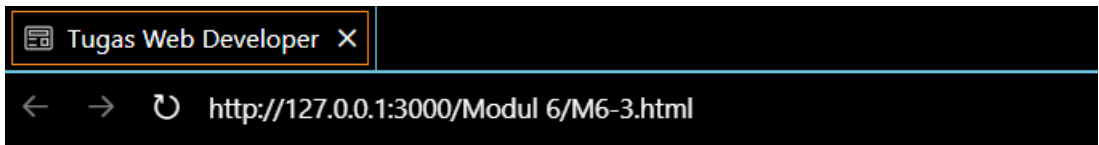
<div id="tab2" class="tab">
  <h2>Back-End Development</h2>
  <p>Berjalan di sisi server dengan mengelola data menjadi informasi
dari database</p>
</div>
<div id="tab3" class="tab">
  <h2>Full-Stack Development</h2>
  <p>Memiliki kemampuan di kedua sisi, yaitu front-end dan back-end,
sehingga dapat menangani semua aspek pengembangan web</p>
</div>

<script>
$(document).ready(function () {
  $(".tab-button").click(function () {
    $(".tab").hide();
    $(".tab-button").removeClass("active");

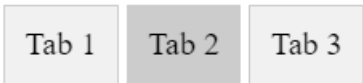
    let tabToShow = $(this).data("tab");
    $("#" + tabToShow).show();
    $(this).addClass("active");
  });
});
</script>
</body>
</html>

```

### Hasil



## Tugas Web Developer



### Back-End Development

Berjalan di sisi server dengan mengelola data menjadi informasi dari database

#### 4. Praktikum 4

Code :

```

<!DOCTYPE html>
<html lang="en">
<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>

```

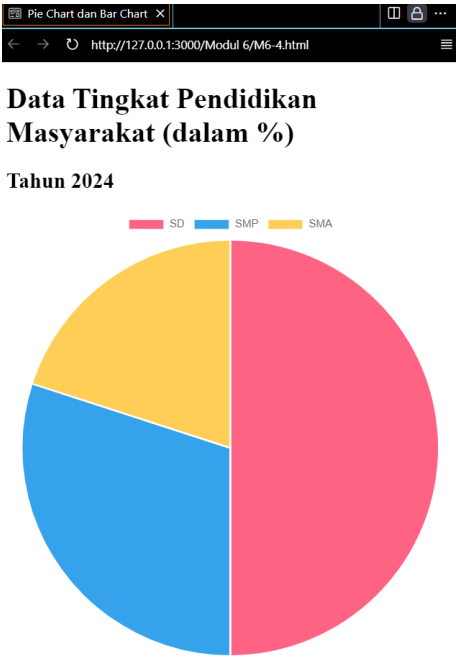
```
</head>
<body>
  <h1>Data Tingkat Pendidikan Masyarakat (dalam %)</h1>

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

  <script>
    $(document).ready(function(){
      let pieData = {
        labels: ["SD", "SMP", "SMA"],
        datasets: [
          {
            data: [50, 30, 20],
            backgroundColor: ["#FF6384", "#36A2EB",
"#FFCE56"],
          },
        ],
      };

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

Hasil



5. Praktikum 5

Code :

```
<!DOCTYPE html>
```

```

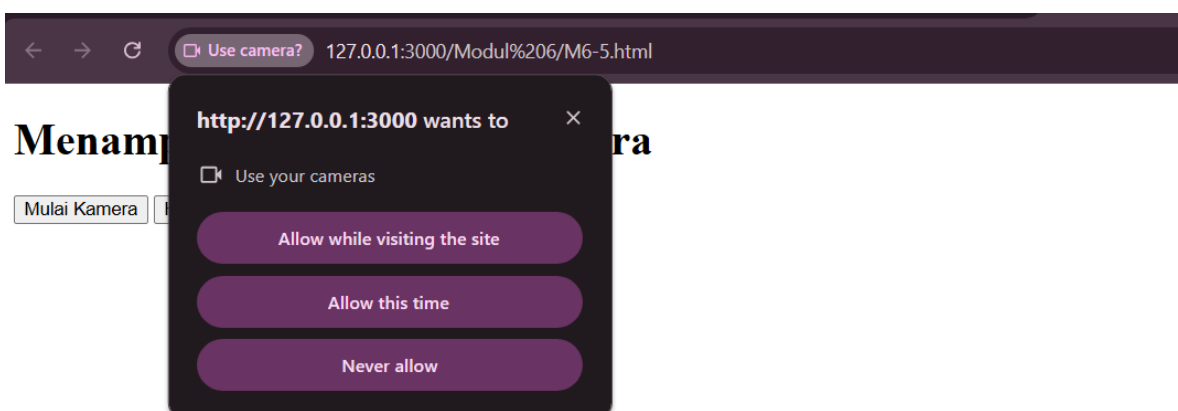
<html lang = "id">
  <head>
    <meta charset = "UTF-8" />
    <meta name = "viewport" content = "width=device-width",
initial-scale = 1.0>
    <title>Akses Kamera dengan JQuery</title>
    <script src = "js/jquery-3.7.1.js"></script>
  </head>
  <body>
    <h1>Menampilkan Video dari Kamera</h1>
    <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);
            });
        });
        $("#stop").click(function(){
          if(mediaStream){
            mediaStream.getTracks().forEach((track) =>
track.stop());

            video.srcObject = null;
          }
        });
      });
    </script>
  </body>
</html>

```

## Hasil

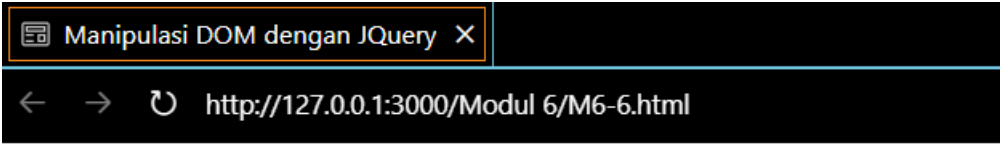


6. Praktikum 6

Code :

```
<!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 = "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">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>
    <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>
```

Hasil



# Manipulasi DOM dengan JQuery

Tambah Data Ubah Data Pertama Hapus Data Terakhir

Data Pertama Diubah  
Data 2  
Data 3  
Data Baru



## 7. Praktikum 7

Code :

```
<!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 = "js/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>
```

Hasil

# Penerapan Event Handling dengan

Box 1

Box 2

Box 3

127.0.0.1:3000 says

Anda mengklik \${\$(this).text()}

OK