

REPORT PRAKTIKUM

PEMROGRAMAN WEB 1

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MODUL 6



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PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS ILMU KOMPUTER

UNIVERSITAS KUNINGAN

2024

PRAKTIKUM 1

CODE

```
<!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 = "/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");
          $(".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>
```

HASIL RUN

Hide

Universitas Kuningan

PRAKTIKUM 2

CODE

```
<!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 = "/js/jquery-3.7.1.js"></script>
    <script>
      $(document).ready(function(){
        $(".fadeout").click(function(){
          $("img").fadeOut();
        });
        $(".fadein").click(function(){
          $("img").fadeIn();
        });
        $(".fadetoogle").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>
```

HASIL RUN



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>JQuery</title>

<script src = "/js/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>

        </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");

        });

    });

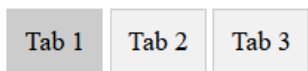
</script>

</body>

</html>
```

HASIL RUN

Tugas Web Developer



Front-End Developer

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

PRAKTIKUM 4

CODE

```
<!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(){

        pieData = {

          labels : ["SD", "SMP", "SMA"],

          datasets : [

            {

              data : [50, 30, 20],

              backgroundColor : ["#ff6384", "#36a2eb", "#ffce56"]

            }

          ]

        }

        ctxPie = document.getElementById("myPieChart").getContext("2d");

        myPieChart = new Chart(ctxPie, {

          type : "pie",

          data : pieData,

        });

      });

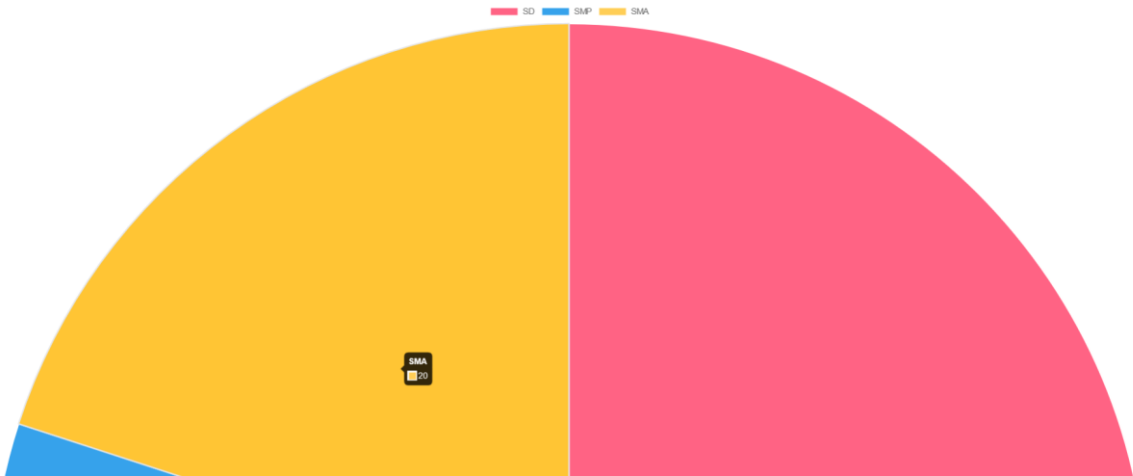
    </script>

  </body>
```

</html>

HASIL RUN

Data Tingkat Pendidikan Masyarakat (dalam %)
Tahun 2024



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 RUN

Menampilkan Video dari Kamera

Mulai Kamera

Hentikan Kamera

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 RUN

Manipulasi DOM dengan JQuery

Tambah Data Ubah Data Pertama Hapus Data Terakhir

Data 1

Data 2

Data 3

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 RUN

Penerapan Event Handling dengan JQuery

