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K3521061 / Kelas A

**Labwork 8**

1. Mengubah Latihan 2 dari praktikum sebelumnya (highlight kalimat) ke dalam bentuk

jQuery

<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://code.jquery.com/jquery-1.10.2.js"></script>

    <title>Highlight Tulisan</title>

    <style>

        .sorot.a {

                background-color: yellow;

                color: red;

                font-weight: 800;

        }

    </style>

</head>

<body>

    <h1>PTIK FKIP UNS</h1>

    <p>The <span class="sorot">Faculty of Teacher Training and Education, Sebelas Maret University</span>,

        Surakarta is an Educational Personnel <span class="sorot">Education Institution (LPTK)</span> which has 24 study programs in 6 majors.

        Each study program has its own characteristics in producing <span class="sorot">superior, strong and intelligent educational staff.</span>

    </p>

    <p>

        The <span class="sorot"> Informatics and Computer Technology Education (PTIK) </span> study program is planned to take shelter in the

        management of the <span class="sorot"> Engineering and Vocational Education (PTK)</span> department. This placement revises our previous

        statement, where the PTIK study program is under the P.MIPA department. PTIK is a study program that will produce graduates who are

        <span class="sorot"> prioritized to teach in vocational/vocational programs </span>. So, it would be better if PTIK

        was under the PTK department which oversees vocational programs such as <span class="sorot"> Building Engineering Education </span>, and

        <span class="sorot"> Mechanical Engineering Education</span>. To meet the needs of lecturers in the field of information technology that

        cannot be met by the PTK department, PTIK will conduct <span class="sorot"> resource sharing with the mathematics study program</span>.

    </p>

    <button onclick="Sorot()">Highlight Paragraf</button>

    <script>

        $(document).ready(function () {

            $('button').click(function () {

                $('span').toggleClass('a');

            });

        });

    </script>

</body>

</html>

1. Membuat sebuah jam digital yang berjalan ketika tombol START/STOP diklik dengan memanfaatkan jQuery. Pastikan bahwa Jam / Menit / Detik menggunakan awalan 0 jika berada pada angka 1-9

<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>jQuery</title>

    <script type="text/javascript" src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

    <script type="text/javascript" src="https://code.jquery.com/ui/1.13.0/jquery-ui.js"></script>

</head>

<body>

    <center>

        <h1 id="jam" class="">Placeholder Jam</h1>

        <br>

        <button id="start">START/STOP</button>

    </center>

    <script>

        $(function(){

            $('#start').click(function(){

                $('#jam').toggleClass('lihat');

                setInterval(function(){

                    if($('#jam').attr('class') === 'lihat'){

                        let date = new Date();

                        const hari = ['Minggu', 'Senin', 'Selasa', 'Rabu', 'Kamis', 'Jum\'at', 'Sabtu' ];

                        let bulan = ('Januari Februari Maret April Mei Juni Juli Agustus September Oktober November Desember');

                        bulan = bulan.split(" ");

                        $('#jam').html(hari[date.getDay()]

                                        + ', '

                                        + date.getDate()

                                        + ' '

                                        + bulan[date.getMonth()]

                                        + ' '

                                        + date.getFullYear()

                                        + '<br>'

                                        + date.toLocaleTimeString('en-GB'));

                    } else {

                        $('#jam').html('Placeholder Jam');

                    };

                }, 1000);

            });

        });

    </script>

</body>

</html>

1. Membuat sebuah penghitung jumlah karakter pada textarea dengan memanfaatkan jQuery. Penghitung karakter tersebut dilengkapi dengan sebuah progress bar dari jQuery UI dan maksimal karakter = 50 karakter.

<!DOCTYPE html>

<html>

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link href="https://code.jquery.com/ui/1.13.1/themes/ui-lightness/jquery-ui.css" rel="stylesheet">

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

    <script src="https://code.jquery.com/ui/1.13.1/jquery-ui.min.js"></script>

    <title>jQuery</title>

</head>

<body>

    <center>

        <h1>Penghitung Karakter</h1>

        <br>

        <textarea name="ulasan" id="ulasan" rows="4" cols="60" maxlength="50" onkeyup="counter(this)"></textarea>

        <br>

        <h3>Jumlah huruf : <span id="hitung">0</span></h3>

        <div id="bar"></div>

    </center>

    <script>

        function counter(val) {

            var leng = val.value.length;

            if (leng>50) {

                val.value = val.value.substring(0, 50);

            } else {

                $('#hitung').text(leng);

                $('#bar').progressbar({

                    value : (leng \* 2)

                });

            }

        }

    </script>

</body>

</html>