Lab Work 8 Desain Web

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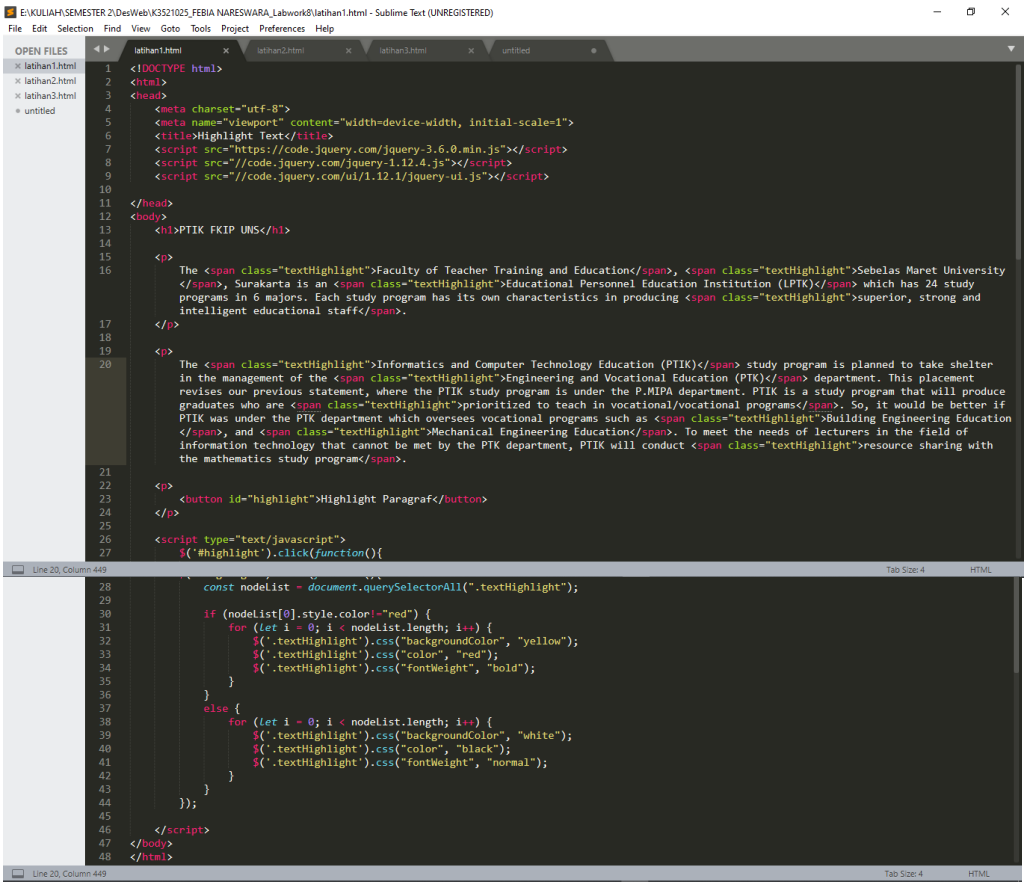
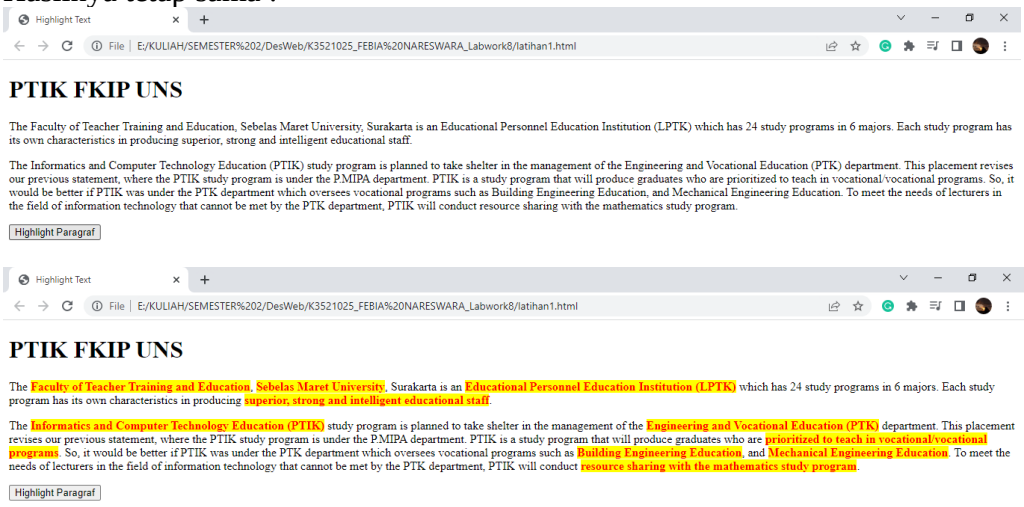
1. Ubah Latihan 2 dari praktikum sebelumnya (highlight kalimat) ke dalam bentuk jQuery. Simpan dengan nama latihan1.html!
   Jawab :
   Mengubah dalam bentuk jQuery (pada Latihan sebelumnya script html, CSS, dan JS saya pisah file. Pada Latihan 1 labwork 8, saya jadikan satu file).



```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Highlight Text</title>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <script src="//code.jquery.com/jquery-1.12.4.js"></script>
    <script src="//code.jquery.com/ui/1.12.1/jquery-ui.js"></script>

</head>
<body>
    <h1>PTIK FKIP UNS</h1>

    <p>
        The <span class="textHighlight">Faculty of Teacher Training and Education</span>, <span class="textHighlight">Sebelas Maret University
        </span>, Surakarta is an <span class="textHighlight">Educational Personnel Education Institution (LPTK)</span> which has 24 study
        programs in 6 majors. Each study program has its own characteristics in producing <span class="textHighlight">superior, strong and
        intelligent educational staff</span>.
    </p>

    <p>
        The <span class="textHighlight">Informatics and Computer Technology Education (PTIK)</span> study program is planned to take shelter
        in the management of the <span class="textHighlight">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="textHighlight">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="textHighlight">Building Engineering Education
        </span>, and <span class="textHighlight">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="textHighlight">resource sharing with
        the mathematics study program</span>.

    <p>
        <button id="highlight">Highlight Paragraf</button>
    </p>

    <script type="text/javascript">
        $('#highlight').click(function(){
            const nodeList = document.querySelectorAll(".textHighlight");

            if (nodeList[0].style.color!="red") {
                for (let i = 0; i < nodeList.length; i++) {
                    $('.textHighlight').css("backgroundColor", "yellow");
                    $('.textHighlight').css("color", "red");
                    $('.textHighlight').css("fontWeight", "bold");
                }
            }
            else {
                for (let i = 0; i < nodeList.length; i++) {
                    $('.textHighlight').css("backgroundColor", "white");
                    $('.textHighlight').css("color", "black");
                    $('.textHighlight').css("fontWeight", "normal");
                }
            }
        });

    </script>
</body>
</html>
```

Hasilnya tetap sama :



Highlight Text

File | E:/KULIAH/SEMESTER%202/DesWeb/K3521025_FEBIA%20NARESWARA_Labwork8/latihan1.html

PTIK FKIP UNS

The Faculty of Teacher Training and Education, Sebelas Maret University, Surakarta is an Educational Personnel Education Institution (LPTK) which has 24 study programs in 6 majors. Each study program has its own characteristics in producing superior, strong and intelligent educational staff.

The Informatics and Computer Technology Education (PTIK) study program is planned to take shelter in the management of the Engineering and Vocational Education (PTK) 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 prioritized to teach in vocational/vocational programs. So, it would be better if PTIK was under the PTK department which oversees vocational programs such as Building Engineering Education, and Mechanical Engineering Education. To meet the needs of lecturers in the field of information technology that cannot be met by the PTK department, PTIK will conduct resource sharing with the mathematics study program.

Highlight Paragraf

Highlight Text

File | E:/KULIAH/SEMESTER%202/DesWeb/K3521025_FEBIA%20NARESWARA_Labwork8/latihan1.html

PTIK FKIP UNS

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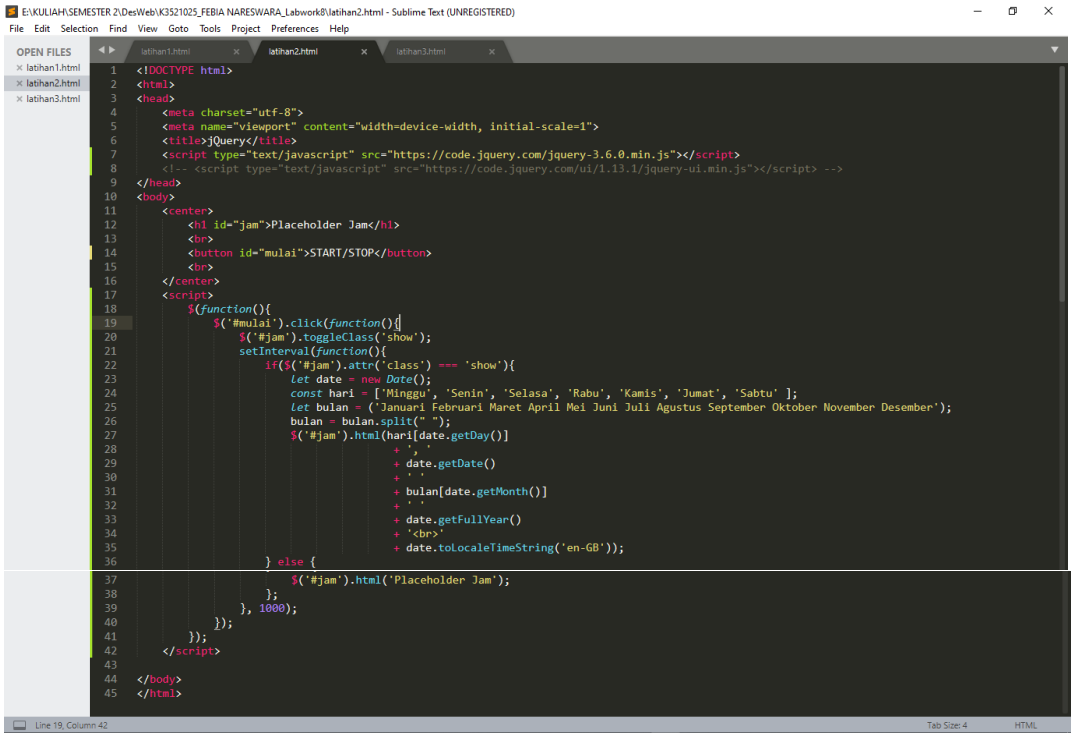
Highlight Paragraf

2. Buatlah 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. Simpan dengan nama latihan2.html!

   Jawab :



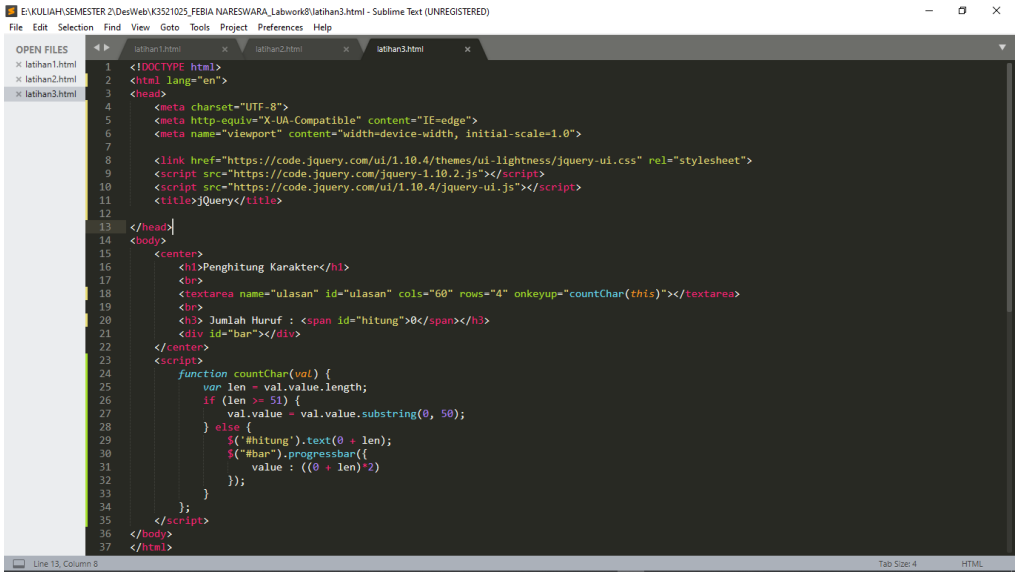
```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>jQuery</title>
    <script type="text/javascript" src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <!-- <script type="text/javascript" src="https://code.jquery.com/ui/1.13.1/jquery-ui.min.js"></script> -->
</head>
<body>
    <center>
        <h1 id="jam">Placeholder Jam</h1>
        <br>
        <button id="mulai">START/STOP</button>
        <br>
    </center>
    <script>
        $(function(){
            $('#mulai').click(function(){
                $('#jam').toggleClass('show');
                setInterval(function(){
                    if($('#jam').attr('class') === 'show'){
                        let date = new Date();
                        const hari = ['Minggu', 'Senin', 'Selasa', 'Rabu', 'Kamis', 'Jumat', '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>
```

Hasil tampilan :

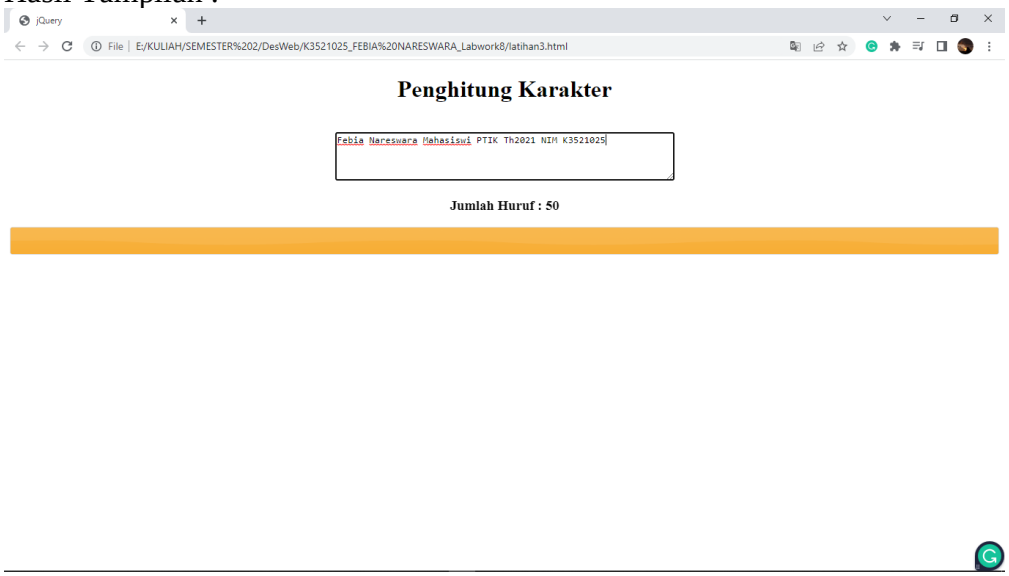
3. Buatlah sebuah penghitung jumlah karakter pada textarea dengan memanfaatkan jQuery. Penghitung karakter tersebut dilengkapi dengan sebuah progress bar dari jQuery UI dan maksimal karakter = 50 karakter. Simpan dengan nama latihan3.html!

Jawab :



```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="https://code.jquery.com/ui/1.10.4/themes/ui-lightness/jquery-ui.css" rel="stylesheet">
    <script src="https://code.jquery.com/jquery-1.10.2.js"></script>
    <script src="https://code.jquery.com/ui/1.10.4/jquery-ui.js"></script>
    <title>jQuery</title>

</head>
<body>
    <center>
        <h1>Penghitung Karakter</h1>
        <br>
        <textarea name="ulasan" id="ulasan" cols="60" rows="4" onkeyup="countChar(this)"></textarea>
        <br>
        <h3> Jumlah Huruf : <span id="hitung">0</span></h3>
        <div id="bar"></div>
    </center>
    <script>
        function countChar(val) {
            var len = val.value.length;
            if (len >= 51) {
                val.value = val.value.substring(0, 50);
            } else {
                $('#hitung').text(0 + len);
                $("#bar").progressbar({
                    value : ((0 + len)*2)
                });
            }
        };
    </script>
</body>
</html>
```

Hasil Tampilan :