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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>

```

2. 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');
            });
        });
    </script>

```

```

        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>

```

3. 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>
```

