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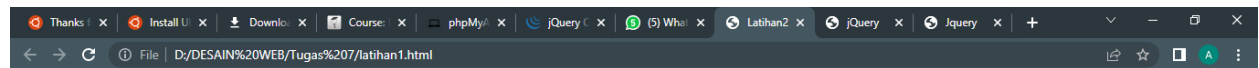
## JQuery – Desain Web

1. **Latihan1.html** – Mengubah latihan 2 dari praktikum sebelumnya di labwork 7 (highlight kalimat) ke dalam bentuk JQuery.

### KODE

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1">
6   <title>Latihan2</title>
7   <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
8
9 </head>
10 <body>
11
12   <h1><b>PTIK FKIP UNS</b></h1>
13   <p>The <span id="pilih"> Faculty of Teacher Training and Education</span>, <span id="pilih">Sebelas Maret University</span>, Surakarta is an <span id="pilih">Educational Personnel Education Institution (LPTK)</span> which has 24 study programs in 6 majors. Each study program has its own characteristics in producing <span id="pilih">superior, strong, and intelligent educational staff.</span></p>
14   <p>The <span id="pilih">Informatics and Computer Technology Education (PTIK)</span> study program is planned to take shelter in the management of the <span id="pilih">Engineering and Vocational Education (PTK)</span> department. This placement revises our previous statement, where are PTIK study program is under the P.MIPA department. PTIK is a study program that will produce graduates who are <span id="pilih">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 id="pilih">Building Engineering Education,</span> and <span id="pilih">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 id="pilih">resource sharing with the mathematics study program.</span></p>
15
16   <button id="rubah">Highlight Paragraf</button>
17
18   <script type="text/javascript">
19     $(document).ready(function(){
20       $('#rubah').click(function(){
21         const nodeList = document.querySelectorAll("span");
22
23         if (nodeList[0].style.color!="red") {
24           for (let i = 0; i < nodeList.length; i++) {
25
26             if (nodeList[0].style.color!="red") {
27               for (let i = 0; i < nodeList.length; i++) {
28                 $("span").css("backgroundColor", "yellow");
29                 $("span").css("color", "red");
30                 $("span").css("fontWeight", "bold");
31               }
32             } else {
33               for (let i = 0; i < nodeList.length; i++) {
34                 $("span").css("backgroundColor", "white");
35                 $("span").css("color", "black");
36                 $("span").css("fontWeight", "normal");
37               }
38             }
39           })
40         })
41       </script>
42     </body>
43     </html>
```

## HASIL



## 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 are 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**.

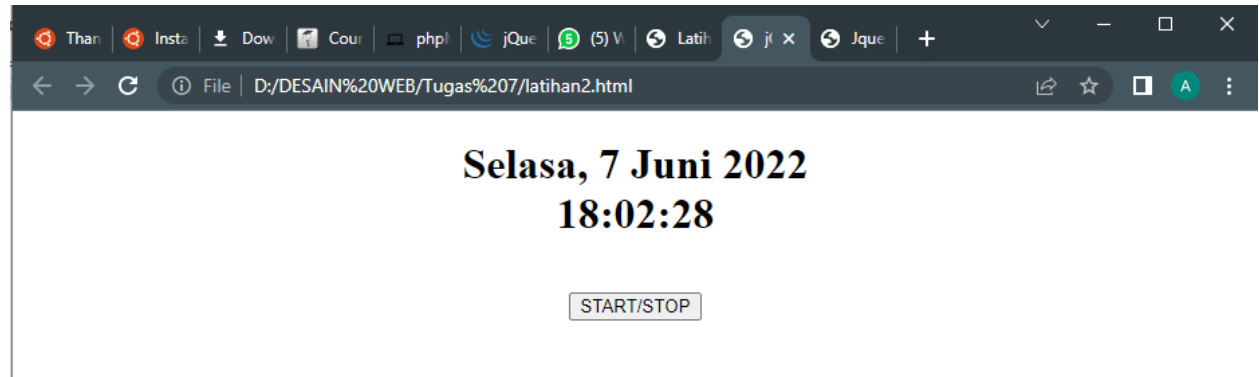
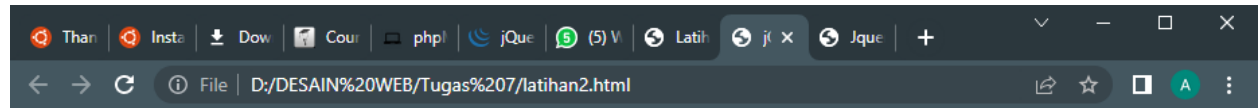
Highlight Paragraf

2. **Latihan2.html** – Membuat jam digital yang berjalan ketika tombol START/END diklik dengan memanfaatkan JQuery.

## KODE

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>jQuery</title>
8
9   <script type="text/javascript" src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
10
11 </head>
12 <body>
13   <center>
14     <h1 id="jam" class="">Placeholder Jam</h1>
15     <br>
16     <button id="start">START/STOP</button>
17   </center>
18
19   <script>
20     $(function(){
21       $('#start').click(function(){
22         $('#jam').toggleClass('kosong');
23
24         const hari = ["Minggu", "Senin", "Selasa", "Rabu", "Kamis", "Jum'at", "Sabtu"];
25         const bulan = ["Januari", "Februari", "Maret", "April", "Mei", "Juni", "Juli", "Agustus", "September", "Oktober", "November", "Desember"];
26
27         setInterval(function(){
28           if($('#jam').attr('class') === 'kosong'){
29             let tanggal = new Date();
30             $('#jam').html(hari[tanggal.getDay()] + ', '
31               + tanggal.getDate() + ' '
32               + bulan[tanggal.getMonth()] + ' '
33               + tanggal.getFullYear() + '<br>'
34               + tanggal.toLocaleTimeString('en-GB'));
35           } else {
36             $('#jam').html('Placeholder Jam');
37           }
38         }, 1000);
39       });
40     });
41   </script>
42 </body>
43 </html>
```

## HASIL



3. **Latihan3.html** – membuat sebuah penghitung jumlah karakter pada textarea dengan memanfaatkan JQuery.

## KODE

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <link href="https://code.jquery.com/ui/1.10.4/themes/ui-lightness/jquery-ui.css" rel="stylesheet">
7   <script src="https://code.jquery.com/jquery-1.10.2.js"></script>
8   <script src="https://code.jquery.com/ui/1.10.4/jquery-ui.js"></script>
9   <title>Jquery</title>
10 </head>
11 <body>
12   <center>
13     <h1>Penghitung Karakter</h1>
14     <br>
15     <textarea name="ulasan" id="ulasan" cols="60" rows="4" onkeyup="countChar(this)"></textarea>
16     <br>
17     <h3>Jumlah huruf: <span id="jumlahHuruf">0</span></h3>
18     <div id="progressBar"></div>
19   </center>
20   <script>
21     function countChar(val){
22       var len = val.value.length;
23       if (len >= 51){
24         val.value = val.value.substring(0, 50);
25       }
26       else{
27         $('#jumlahHuruf').text(0+len);
28         $('#progressBar').progressbar({
29           value: ((0+len)*2)
30         })
31       }
32     }
33   </script>
34 </body>
35 </html>
```

## HASIL

