

## Lab Work 7 Desain Web

Nama : Febia Nareswara  
NIM : K3521025

### 1. Latihan 1

Buatlah sebuah kalkulator sederhana yang dapat melakukan perhitungan dua buah variable

- Jumlah
- Kurang
- Kali
- Bagi

Simpan dengan nama latihan1.HTML

Jawab :

#### ➤ Script html

```
E:\KULIAH\SEMESTER 2\DesWeb\Peremuan1\latihan1.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

OPEN FILES
x latihan1.html
x style.css
x script.js
x latihan2.html
x scriptLat2.js

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Kalkulator Sederhana</title>
6 <link rel="stylesheet" href="style.css">
7 </head>
8 <body>
9 <div class="background">
10 <div class="main">
11 <h2>Kalkulator</h2>
12 <form name="formAngka">
13 <input type="text" name="isiText" autocomplete="off">
14 </form>
15 <table>
16 <tr>
17 <td><input type="button" value="C" onclick="hapusSemua()"></td>
18 <td colspan="2"><input type="button" value="Delete" onclick="dlte()"></td>
19 <td><input type="button" value="+" onclick="ins('+)"></td>
20 </tr>
21 <tr>
22 <td><input type="button" value="1" onclick="ins(1)"></td>
23 <td><input type="button" value="2" onclick="ins(2)"></td>
24 <td><input type="button" value="3" onclick="ins(3)"></td>
25 <td><input type="button" value="-" onclick="ins('-)"></td>
26 </tr>
27 <tr>
28 <td><input type="button" value="4" onclick="ins(4)"></td>
29 <td><input type="button" value="5" onclick="ins(5)"></td>
30 <td><input type="button" value="6" onclick="ins(6)"></td>
31 <td><input type="button" value="*" onclick="ins('*)"></td>
32 </tr>
33 <tr>
34 <td><input type="button" value="7" onclick="ins(7)"></td>
35 <td><input type="button" value="8" onclick="ins(8)"></td>
36 <td><input type="button" value="9" onclick="ins(9)"></td>
37 <td><input type="button" value="/" onclick="ins('/')"></td>
38 </tr>
39 <tr>
40 <td><input type="button" value="." onclick="ins('.')"></td>
41 <td><input type="button" value="0" onclick="ins(0)"></td>
42 <td colspan="2"><input type="button" value="=" onclick="samaDengan()"></td>
43 </tr>
44 </table>
45 </div>
46 <script src="script.js"></script>
47 </body>
48 </html>
```

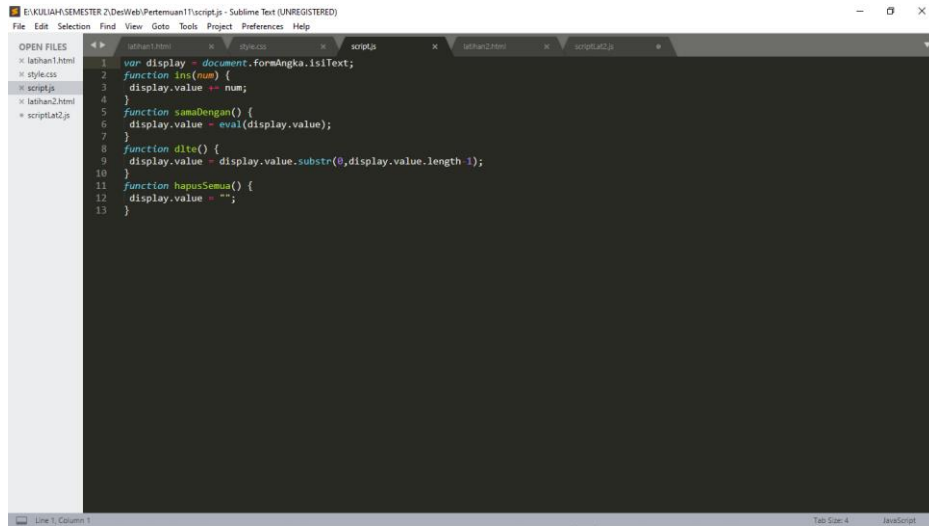
#### ➤ Script CSS

```
E:\KULIAH\SEMESTER 2\DesWeb\Peremuan1\style.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

OPEN FILES
x latihan1.html
x style.css
x script.js
x latihan2.html
x scriptLat2.js

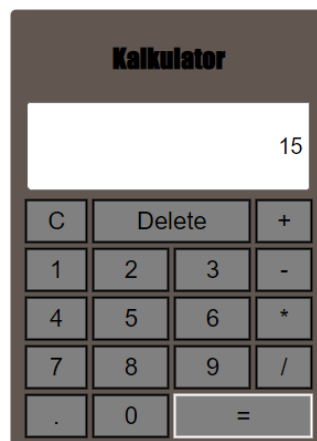
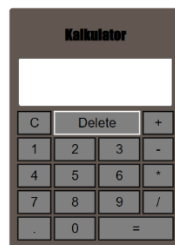
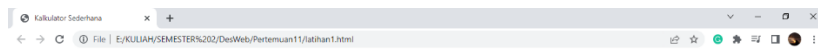
1 .main {
2 background-color: #625750;
3 position: absolute;
4 padding: 10px;
5 top: 50%;
6 left: 50%;
7 transform: translate(-50%, -50%);
8 border-radius: 5px;
9 box-shadow: 5px 4px 5px #e0e2e4;
10 }
11 h2 {
12 text-align: center;
13 font-family: fantasy;
14 }
15 table {
16 width: 100%;
17 }
18 form input {
19 font-size: 20px;
20 margin: 5px;
21 padding: 5px;
22 height: 45px;
23 text-align: right;
24 }
25 table td input {
26 width: 100%;
27 background-color: grey;
28 padding: 5px;
29 font-size: 22px;
30 cursor: pointer;
31 border: 2px solid #000;
32 }
33 table td input:hover {
34 border: 2px solid white;
35 }
```

## ➤ Script JS



```
1 var display = document.formAngka.isiText;
2 function ins(num) {
3   display.value += num;
4 }
5 function samaDengan() {
6   display.value = eval(display.value);
7 }
8 function dlte() {
9   display.value = display.value.substr(0, display.value.length - 1);
10 }
11 function hapusSemua() {
12   display.value = "";
13 }
```

Tampilan yang dihasilkan :

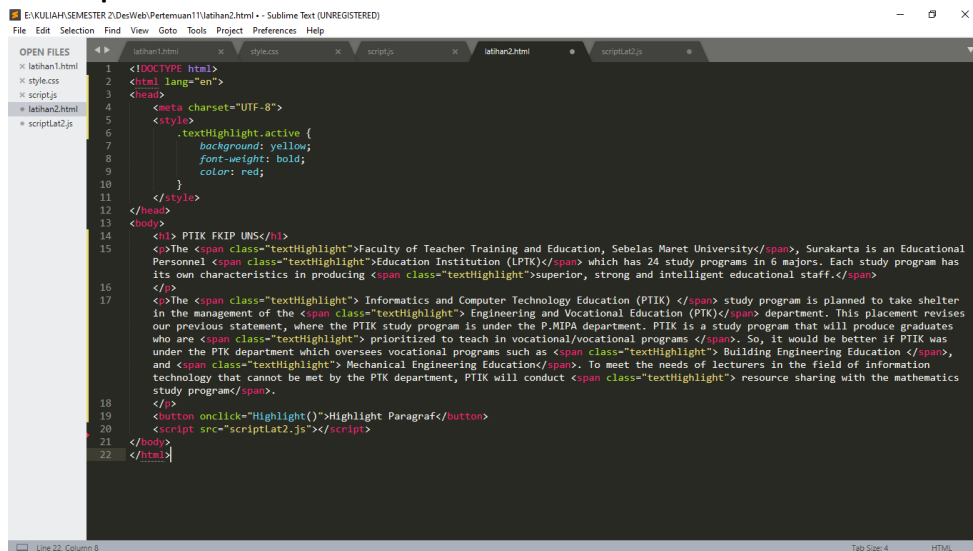


## 2. Latihan 2

Buatlah halaman yang dapat menampilkan paragraph dan sebuah tombol. Apabila tombol tersebut ditekan maka dapat melakukan highlight tulisan tertentu di dalam paragraph sehingga tampilan yang awalnya seperti ini :

Jawab :

### ➤ Script html dan sedikit CSS



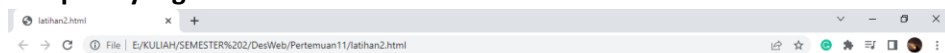
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <style>
6 .textHighlight.active {
7     background: yellow;
8     font-weight: bold;
9     color: red;
10 }
11 </style>
12 </head>
13 <body>
14 <h1> PTIK FKIP UNS</h1>
15 <p>The <span class="textHighlight">Faculty of Teacher Training and Education, Sebelas Maret University</span>, Surakarta is an Educational Personnel <span class="textHighlight">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>
16 </p>
17 <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>
18 </p>
19 <button onclick="Highlight()">Highlight Paragraf</button>
20 <script src="scriptLat2.js"></script>
21 </body>
22 </html>
```

### ➤ Script JS



```
1 const highlight = document.querySelectorAll('.textHighlight');
2 function Highlight() {
3     highlight.forEach((item) => {
4         if(item.classList.contains('active')) {
5             item.classList.remove('active')
6         } else {
7             item.classList.add('active')
8         }
9     })
10 };
11
```

Tampilan yang dihasilkan :

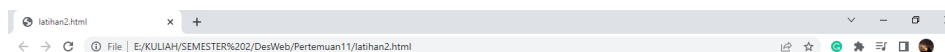


### PTIK FKIP UNS

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



### 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