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Labwork 7

1. Membuat kalkulator sederhana yang dapat melakukan perhitungan (jumlah, kurang, kali, bagi) dari dua variable.

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Simple Calculator</title>
5      </head>
6      <body>
7          <h1 align="center">Simple Calculator</h1>
8          <hr><br><br>
9
10         <center>
11             <form name="forms" action="#">
12                 <table width="70%" border="0" cellpadding="0">
13                     <tr>
14                         <td width="35%">Number 1</td>
15                         <td width="5%">:</td>
16                         <td width="30%"><input type="text" name="number1" id="txtNumber1" required></td>
17                     </tr>
18                     <tr>
19                         <td width="35%">Number 2</td>
20                         <td width="5%">:</td>
21                         <td width="30%"><input type="text" name="number2" id="txtNumber2" required></td>
22                     </tr>
23                 </table>
24
25                 <br><br>
26
27                 <select name="chooseOption">
28                     <option id="addition" value="addition"> + </option>
29                     <option id="subtraction" value="subtraction"> - </option>
30                     <option id="multiplication" value="multiplication"> * </option>
31                     <option id="division" value="division"> / </option>
32                 </select>
```

```

34     <input type="button" value="=" onClick="count()"/>
35
36     </form>
37 </center>
38 <br><br><hr>
39
40
41 <script>
42     function count() {
43         var myForm = document.forms;
44         var number1 = eval(myForm.number1.value);
45         var number2 = eval(myForm.number2.value);
46         var option = myForm.chooseOption.value;
47
48         if (option == "addition") {
49             var result = number1 + number2;
50         }
51         else if (option == "subtraction") {
52             var result = number1 - number2;
53         }
54         else if (option == "multiplication") {
55             var result = number1 * number2;
56         }
57         else if (option == "division") {
58             var result = number1 / number2;
59         }
60
61         window.alert("The result of the operation is " + result)
62     }
63
64 </script>
65 </body>
66 </html>

```

2. Membuat halaman yang dapat meng-highlight tulisan tertentu ketika click tombol, dan akan kembali seperti semula jika tombol kembali diclick

```

1  <!DOCTYPE html>
2  <html>
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>Web Profil PTIK</title>
8      </head>
9
10     <style>
11         .mark.active {
12             color: red;
13             background-color: yellow;
14             font-weight: bold;
15         }
16     </style>
17
18     <body>
19         <h1>PTIK FKIP UNS</h1>
20         <p> The <span class="mark">Faculty of Teacher Training and Education</span>, <span class="mark">Sebelas Maret Unive
21             <br> The <span class="mark">Informatics and Computer Technology Education (PTIK)</span> study program is planne
22
23         <button onClick="Mark()">Highlight Paragraf</button>
24
25     <script>
26         const mark = document.querySelectorAll('.mark');
27
28         function Mark() {
29             mark.forEach( (item) => {
30                 if(item.classList.contains('active')) {
31                     item.classList.remove('active')
32                 } else {
33                     item.classList.add('active')

```

```
33         item.classList.add('active')
34     }
35     })
36 };
37
38 </script>
39 </body>
```