

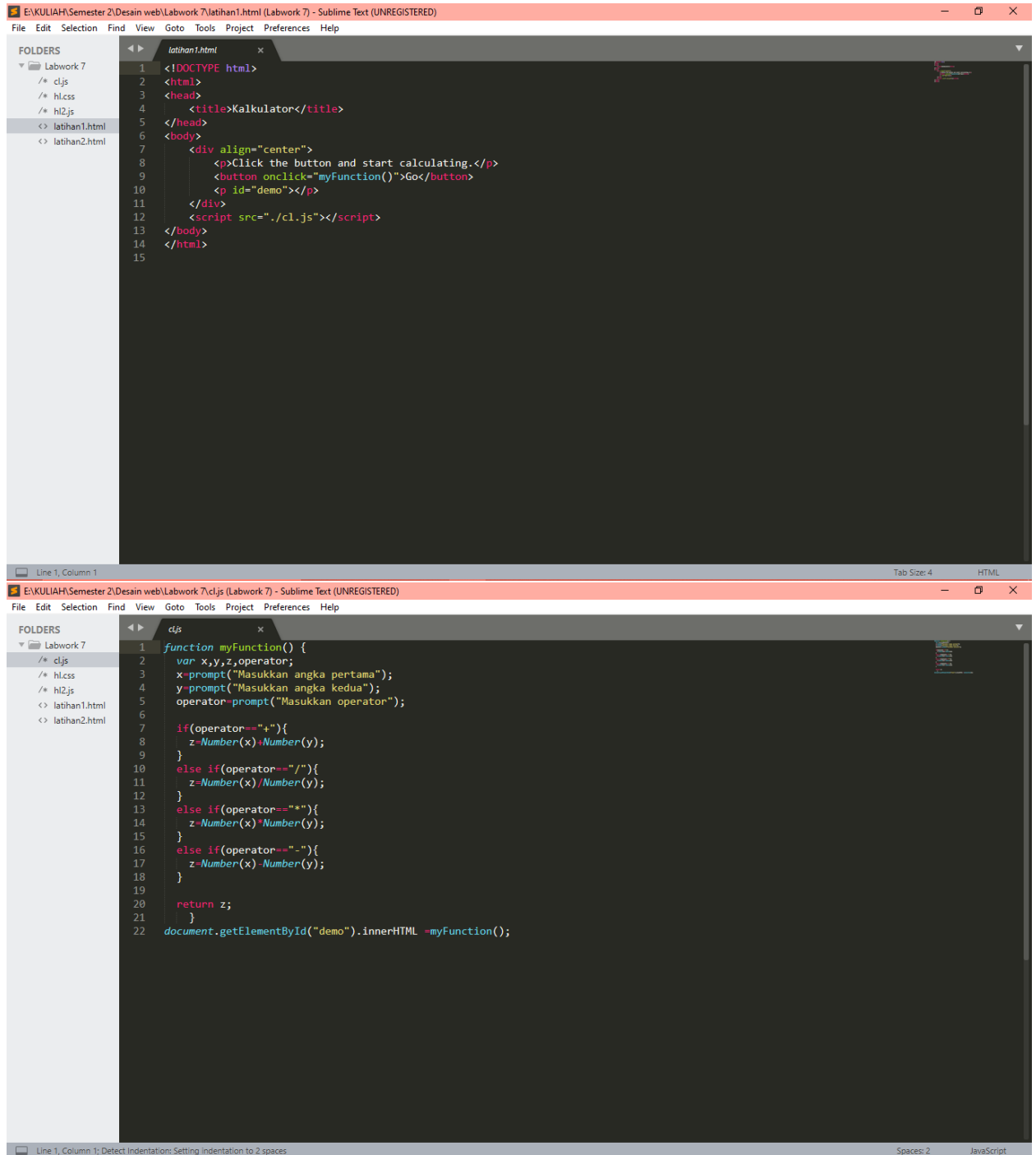
NAMA : ASTRID NADIA ALIMAH

NIM : K3521013

1. Buatlah sebuah kalkulator sederhana yang dapat melakukan perhitungan dua buah variabel.

- Jumlah
- Kurang
- Kali
- Bagi

Simpan dengan nama latihan1.HTML



The image displays two screenshots of a Sublime Text editor window, showing the code for a simple calculator.

The top screenshot shows the `latihan1.html` file. The code is as follows:

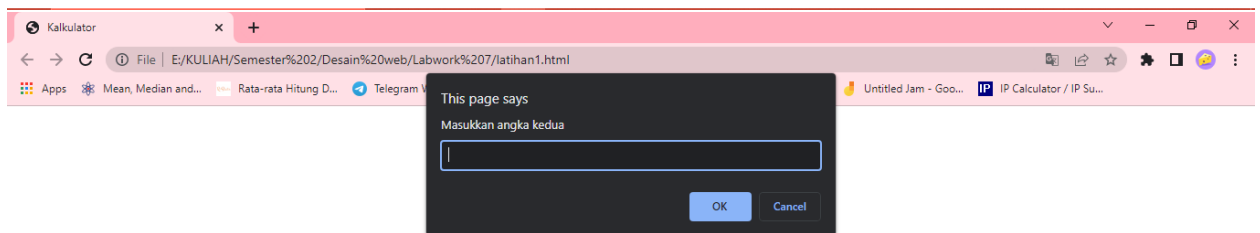
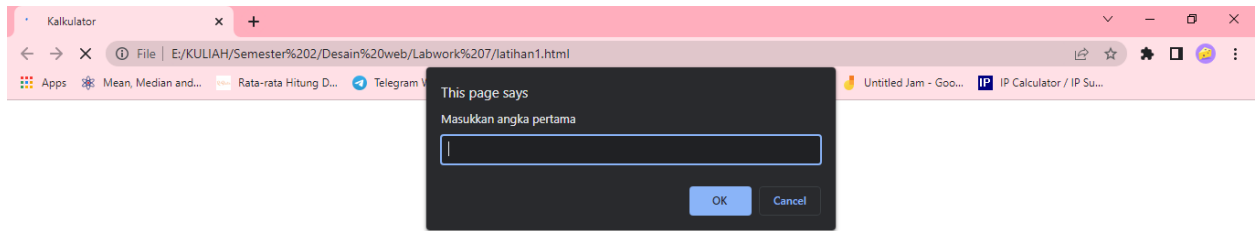
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Kalkulator</title>
5 </head>
6 <body>
7   <div align="center">
8     <p>Click the button and start calculating.</p>
9     <button onclick="myFunction()">Go</button>
10    <p id="demo"></p>
11  </div>
12  <script src="./cl.js"></script>
13 </body>
14 </html>
15
```

The bottom screenshot shows the `cl.js` file. The code is as follows:

```
1 function myFunction() {
2   var x,y,z,operator;
3   x=prompt("Masukkan angka pertama");
4   y=prompt("Masukkan angka kedua");
5   operator=prompt("Masukkan operator");
6
7   if(operator==""){
8     z=Number(x)+Number(y);
9   }
10  else if(operator==""){
11    z=Number(x)/Number(y);
12  }
13  else if(operator=="*"){
14    z=Number(x)*Number(y);
15  }
16  else if(operator=="-"){
17    z=Number(x)-Number(y);
18  }
19
20  return z;
21 }
22 document.getElementById("demo").innerHTML +=myFunction();
```

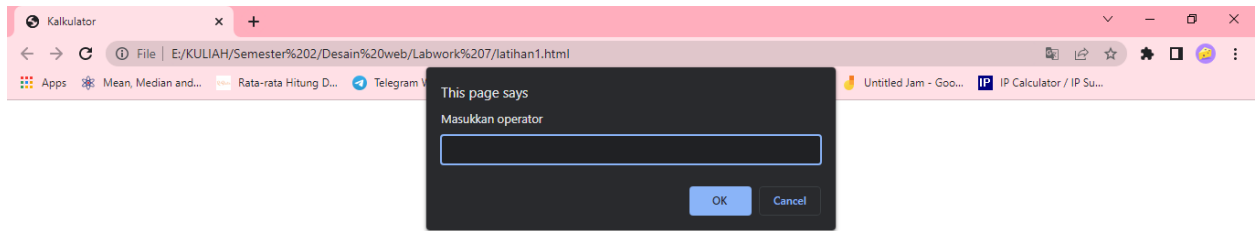
NAMA : ASTRID NADIA ALIMAH

NIM : K3521013



NAMA : ASTRID NADIA ALIMAH

NIM : K3521013

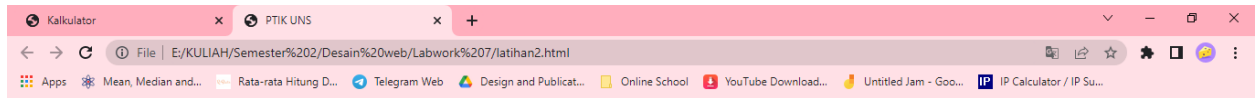


25

- 
2. Diketahui sebuah halaman web profil PTIK mengandung tulisan berikut  
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:

NAMA : ASTRID NADIA ALIMAH

NIM : K3521013



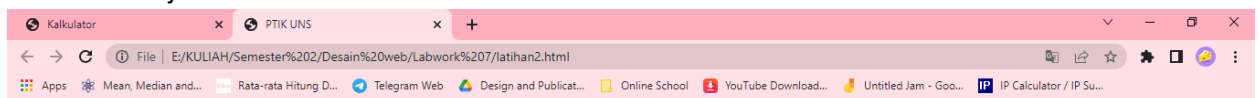
## PTIK FKIP UNS

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 PMIPA 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

Berubah menjadi :



## 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.

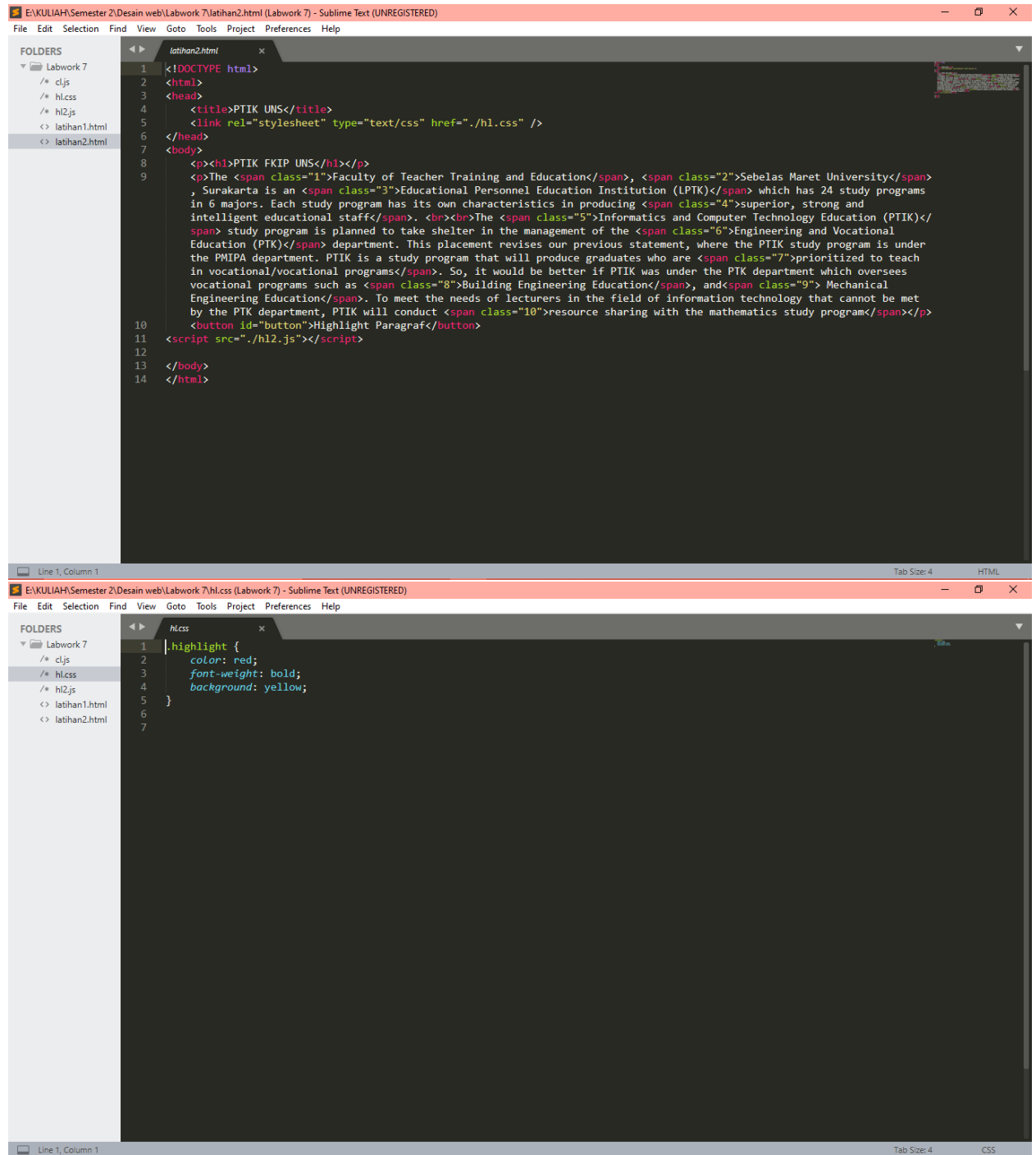
The Informatics and Computer Technology Education (PTIK) study program is planned to take shelter in the management of the Engineering and Vocational Education (PTK) department. This placement revises our previous statement, where the PTIK study program is under the PMIPA department. PTIK is a study 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

Unhighlight Paragraf

Warna berubah merah, background kuning dan teks tebal. Jika ditekan kembali, maka highlight akan menghilang. Simpan halaman web dengan nama latihan2.html

NAMA : ASTRID NADIA ALIMAH

NIM : K3521013



The image displays two windows of the Sublime Text editor, both titled "E:\KULIAH\Semester 2\Desain web\Labwork 7\latihan2.html (Labwork 7) - Sublime Text (UNREGISTERED)".

The top window shows the HTML file "latihan2.html". The code includes an HTML5 doctype, a title "PTIK UNS", a link to a CSS file "hl.css", and a body containing a paragraph about PTIK FKIP UNS and a button with the text "Highlight Paragraf". The paragraph text includes several classes for styling, such as "1", "2", "3", "4", "5", "6", "7", "8", "9", and "10".

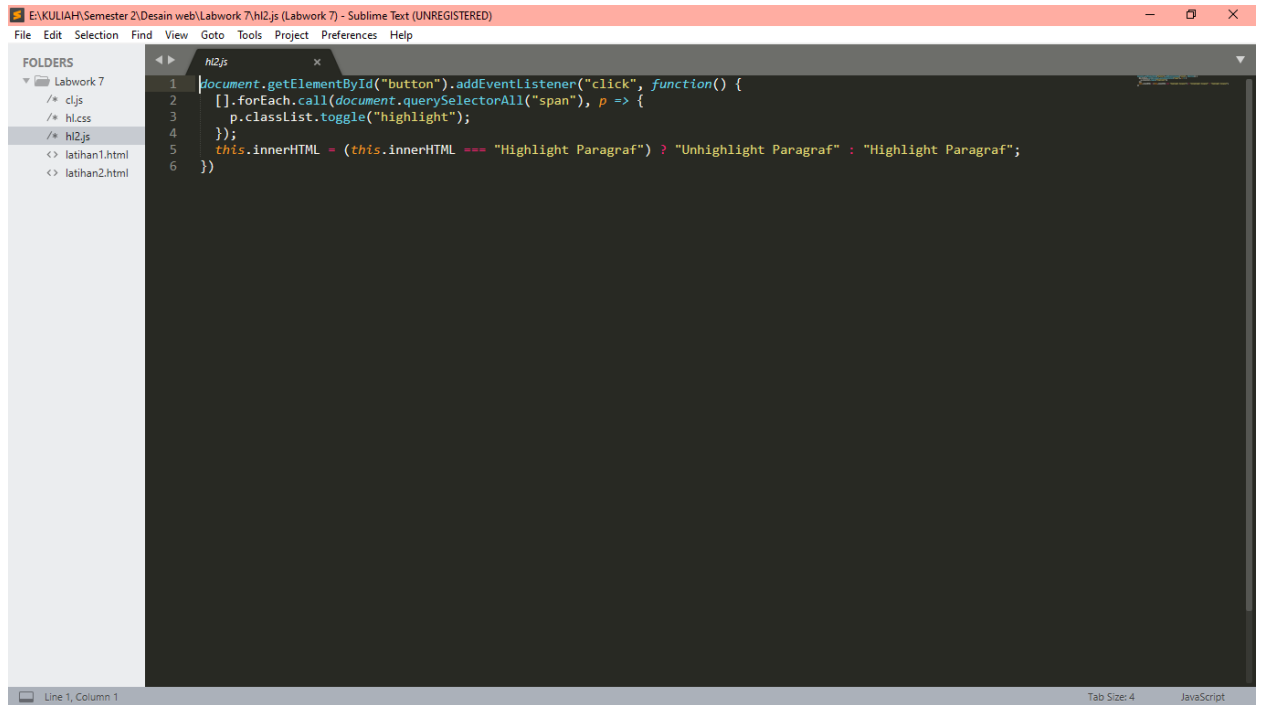
The bottom window shows the CSS file "hl.css". It contains a single rule for the "highlight" class, setting the color to red, font weight to bold, and background to yellow.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>PTIK UNS</title>
5   <link rel="stylesheet" type="text/css" href="hl.css" />
6 </head>
7 <body>
8   <p><h1>PTIK FKIP UNS</h1></p>
9   <p>The <span class="1">Faculty of Teacher Training and Education</span>, <span class="2">Sebelas Maret University</span>
, Surakarta is an <span class="3">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="4">superior, strong and
intelligent educational staff</span>. <br><br>The <span class="5">Informatics and Computer Technology Education (PTIK)</
span> study program is planned to take shelter in the management of the <span class="6">Engineering and Vocational
Education (PTK)</span> department. This placement revises our previous statement, where the PTIK study program is under
the PMIPA department. PTIK is a study program that will produce graduates who are <span class="7">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="8">Building Engineering Education</span>, and<span class="9"> 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="10">resource sharing with the mathematics study program</span></p>
10 <button id="button">Highlight Paragraf</button>
11 <script src="hl2.js"></script>
12
13 </body>
14 </html>
```

```
1 .highlight {
2   color: red;
3   font-weight: bold;
4   background: yellow;
5 }
6
7
```

NAMA : ASTRID NADIA ALIMAH

NIM : K3521013



```
1 document.getElementById("button").addEventListener("click", function() {
2     [].forEach.call(document.querySelectorAll("span"), p => {
3         p.classList.toggle("highlight");
4     });
5     this.innerHTML = (this.innerHTML === "Highlight Paragraf" ? "Unhighlight Paragraf" : "Highlight Paragraf");
6 })
```