



# **Praktikum Pemrograman Web**

**INF2103**

## **LAPORAN PRAKTIKUM 5 : Konsep Dasar Javascript**

Oleh :

*Akhmad Qasim*

*2211102441237*

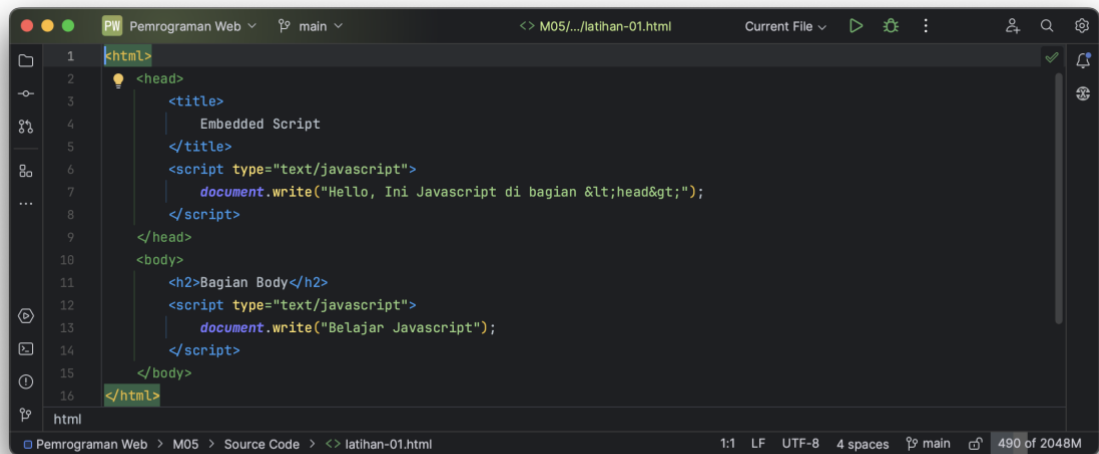
Teknik Informatika  
Fakultas Sains & Teknologi  
Universitas Muhammadiyah Kalimantan Timur

Samarinda, 2023

# Laporan Praktikum 5: Konsep Dasar Javascript

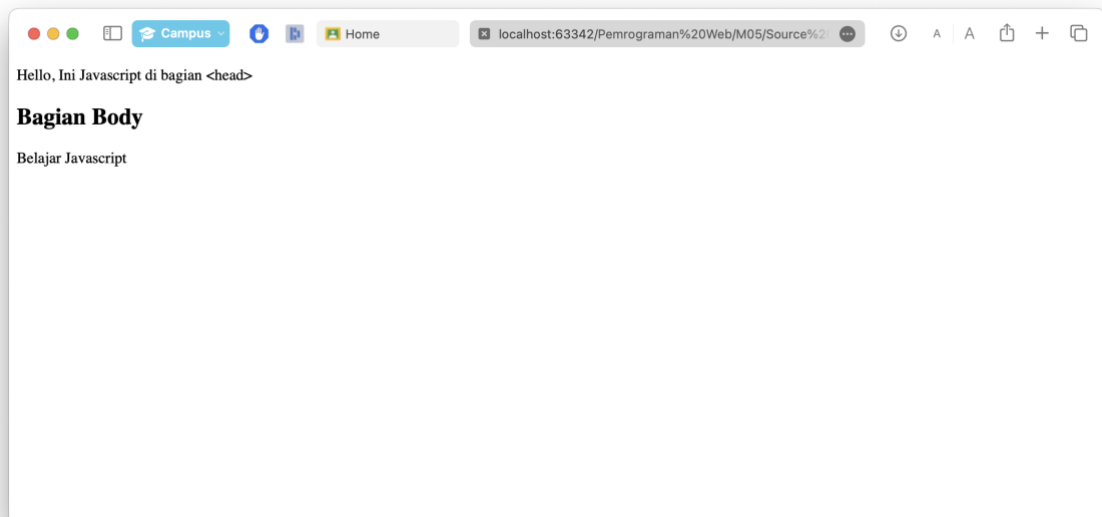
## 1. Embedded Script

Syntax:



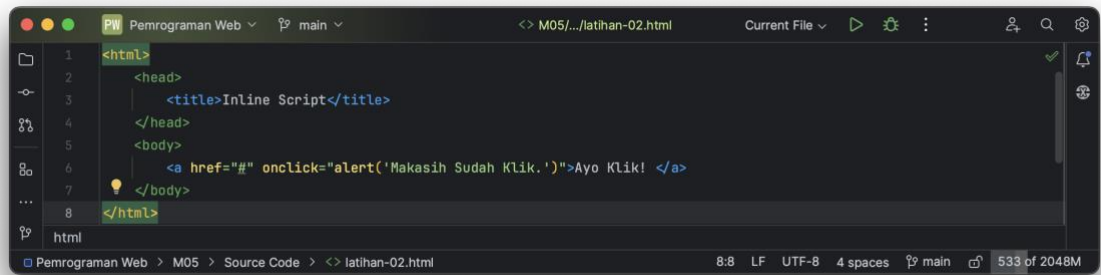
```
1 <html>
2   <head>
3     <title>
4       Embedded Script
5     </title>
6     <script type="text/javascript">
7       document.write("Hello, Ini Javascript di bagian &lt;head&gt;");
8     </script>
9   </head>
10  <body>
11    <h2>Bagian Body</h2>
12    <script type="text/javascript">
13      document.write("Belajar Javascript");
14    </script>
15  </body>
16 </html>
```

Tampilan:



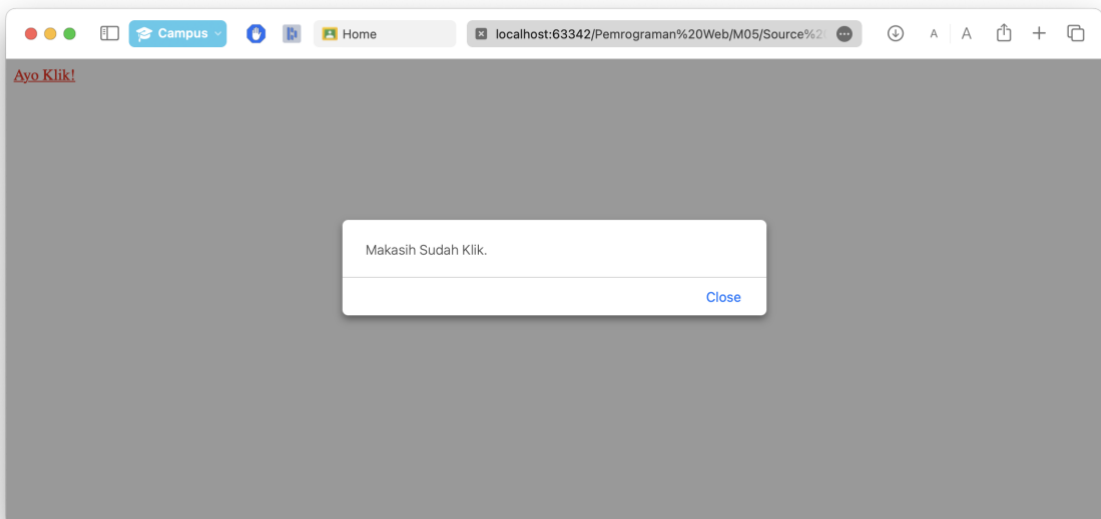
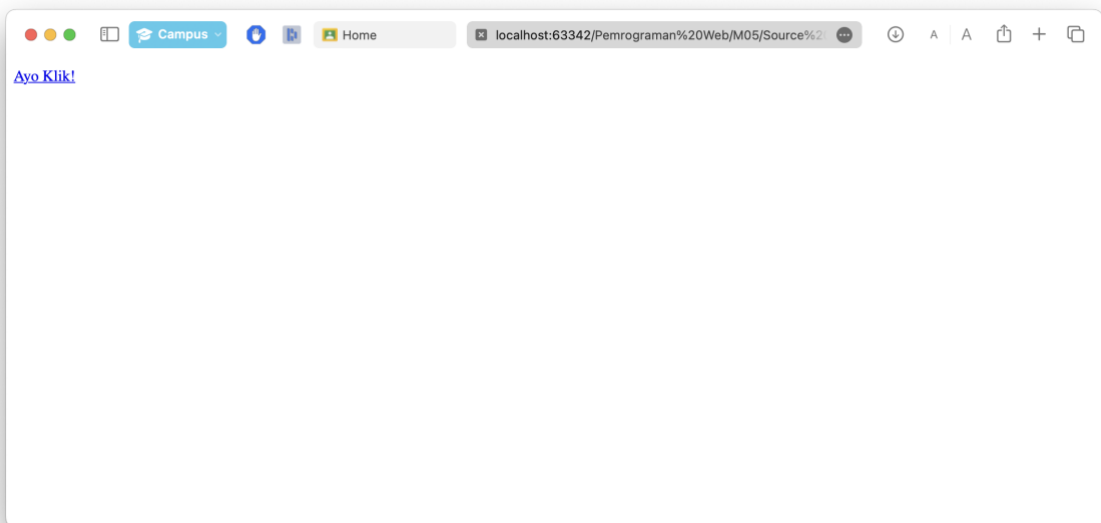
## 2. Inline Script

Syntax:



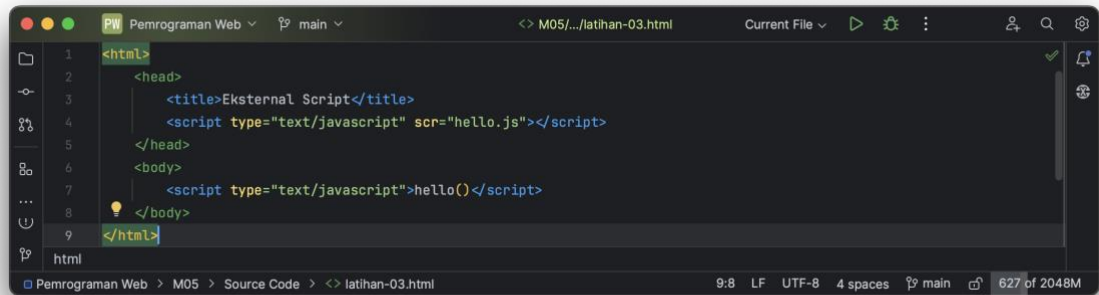
```
1 <html>
2   <head>
3     <title>Inline Script</title>
4   </head>
5   <body>
6     <a href="#" onclick="alert('Makasih Sudah Klik.')">Ayo Klik! </a>
7   </body>
8 </html>
```

Tampilan:



### 3. External Script

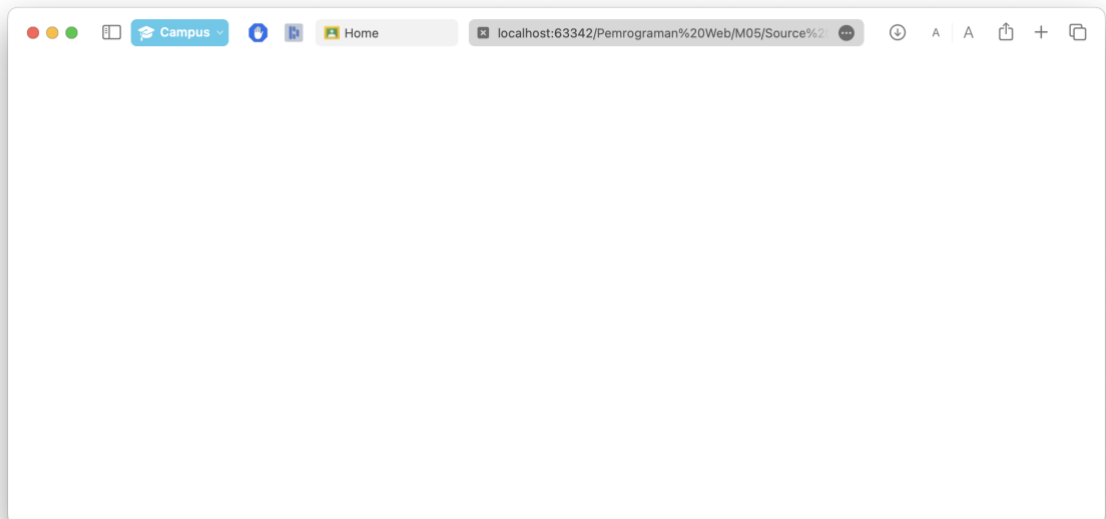
Syntax:



```
1 <html>
2   <head>
3     <title>Eksternal Script</title>
4     <script type="text/javascript" src="hello.js"></script>
5   </head>
6   <body>
7     <script type="text/javascript">hello()</script>
8   </body>
9 </html>
```

The screenshot shows a code editor with a dark theme. The file is named 'latihan-03.html'. The code is valid HTML, as indicated by a green checkmark in the top right corner. The status bar at the bottom shows '9:8 LF UTF-8 4 spaces' and '627 of 2048M'.

Tampilan:



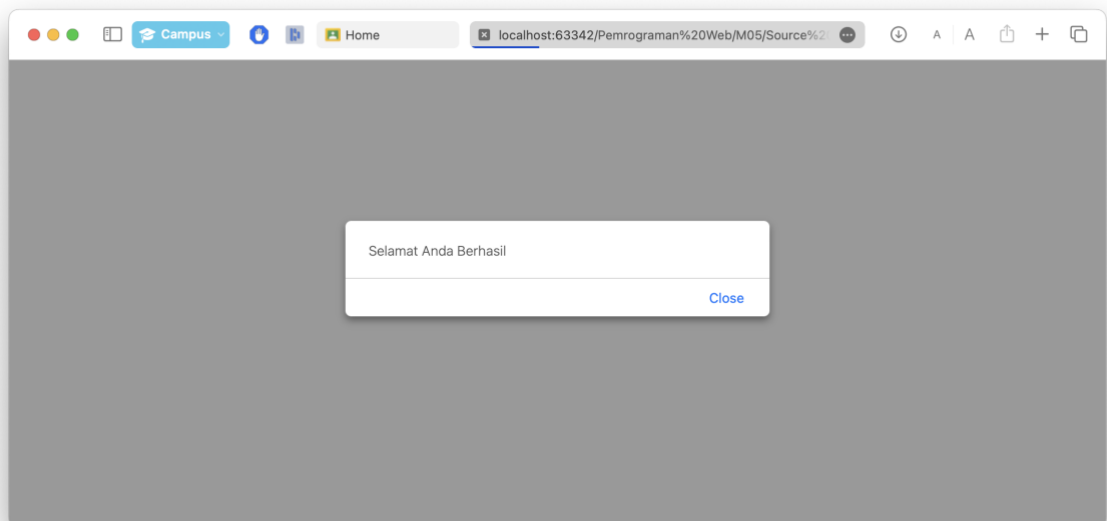
### 4. Alert box

Syntax:



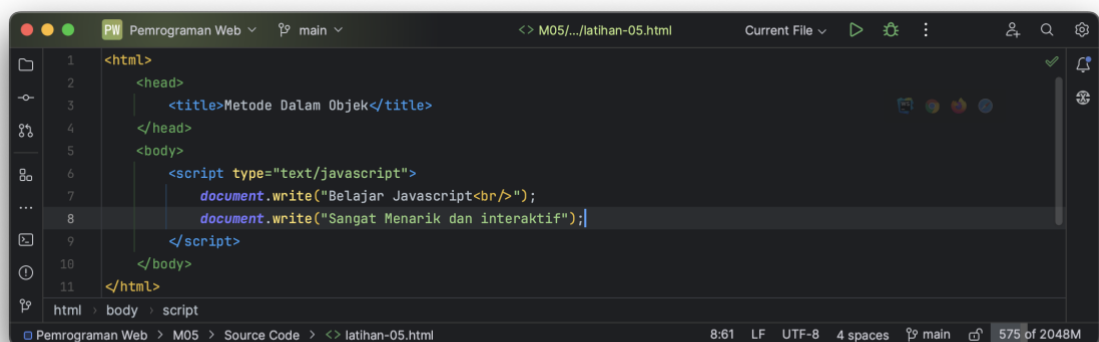
```
1 <html>
2   <head>
3     <title>Contoh Alert Box</title>
4   </head>
5   <body>
6     <script type="text/javascript">
7       window.alert("Selamat Anda Berhasil!");
8     </script>
9   </body>
10  </html>
```

Tampilan:



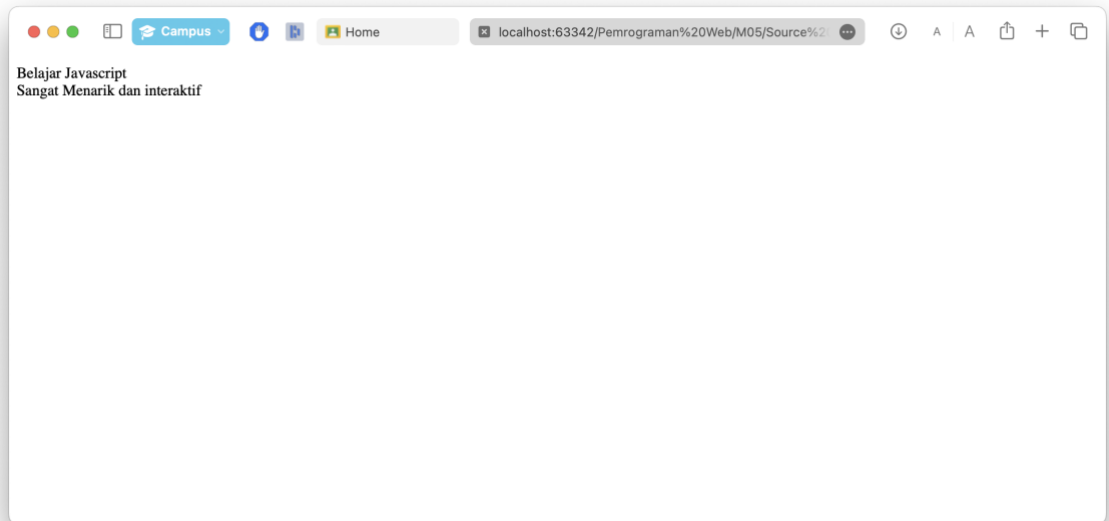
## 5. Metode dalam Objek

Syntax:



```
1 <html>
2   <head>
3     <title>Metode Dalam Objek</title>
4   </head>
5   <body>
6     <script type="text/javascript">
7       document.write("Belajar Javascript<br/>");
8       document.write("Sangat Menarik dan interaktif!");
9     </script>
10  </body>
11  </html>
```

Tampilan:

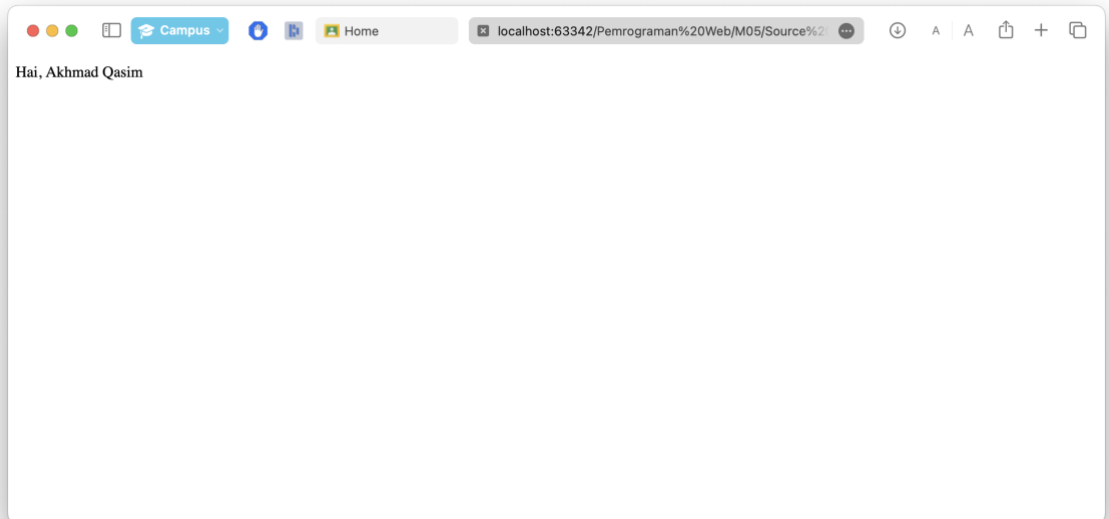
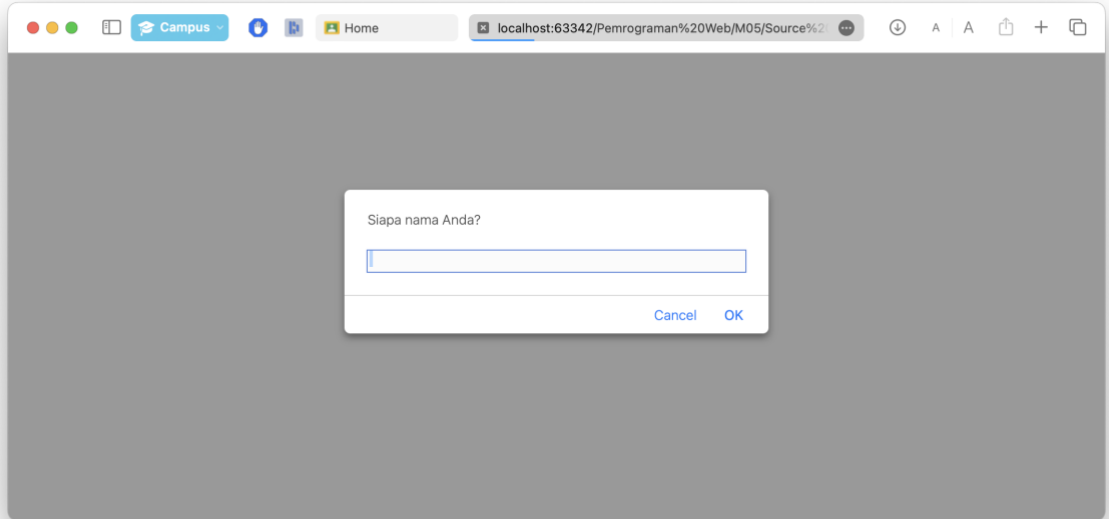


## 6. Pemakaian Prompt

Syntax:

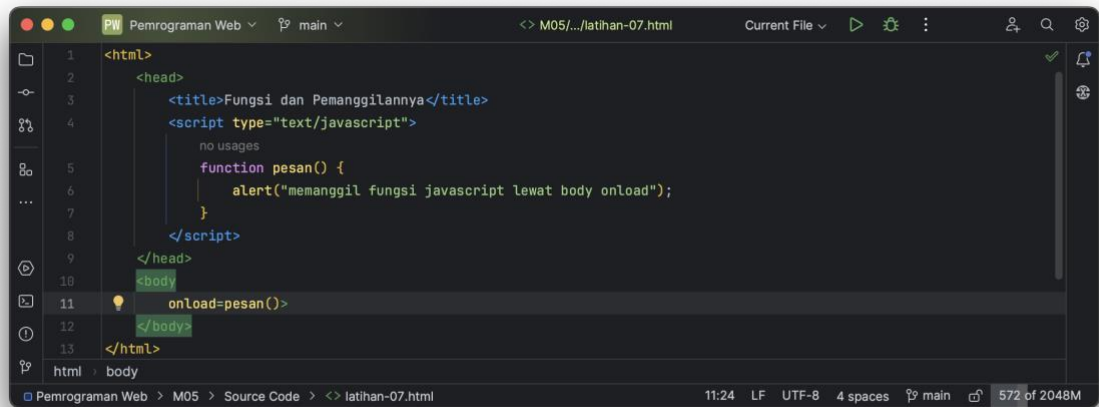


Tampilan:



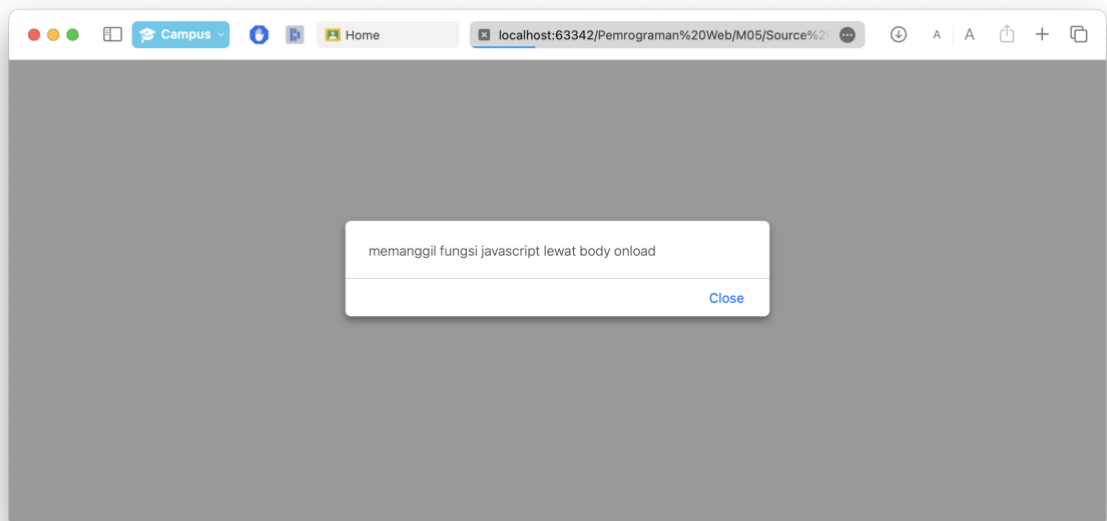
## 7. Fungsi dan Pemanggilannya

Syntax:



```
1 <html>
2   <head>
3     <title>Fungsi dan Pemanggilannya</title>
4     <script type="text/javascript">
5       no usages
6       function pesan() {
7         alert("memanggil fungsi javascript lewat body onload");
8       }
9     </script>
10  </head>
11  <body>
12    onload=pesan()>
13  </body>
14 </html>
```

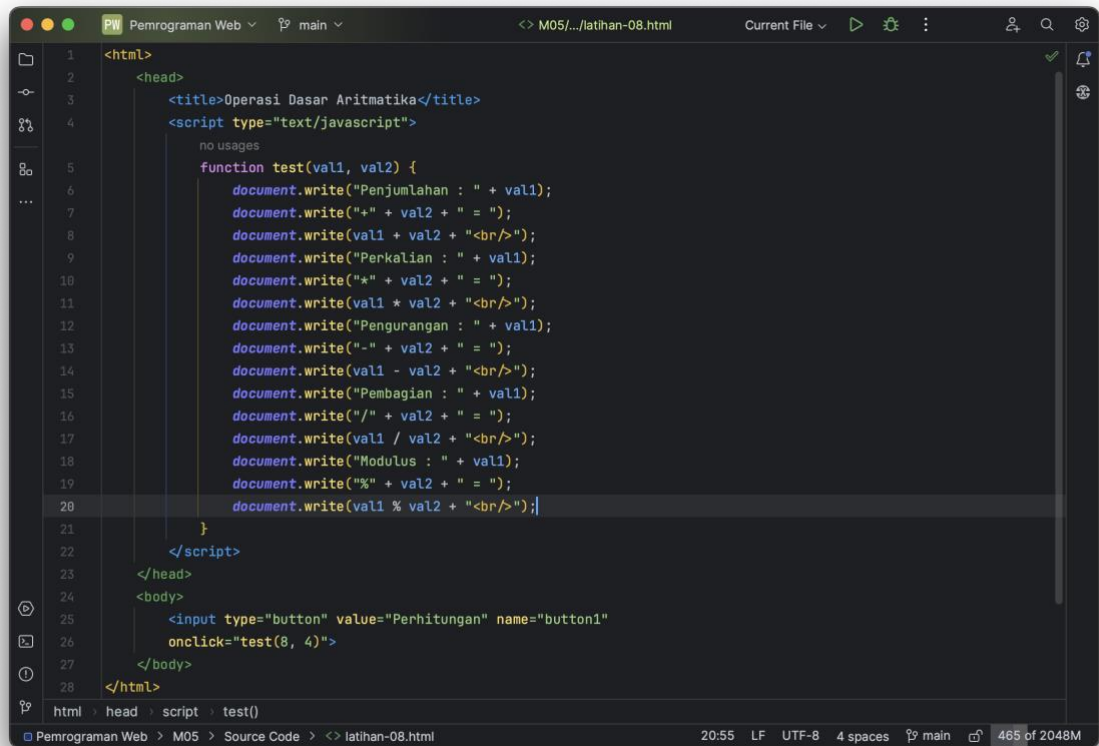
Tampilan:



## 8. Aritmatika

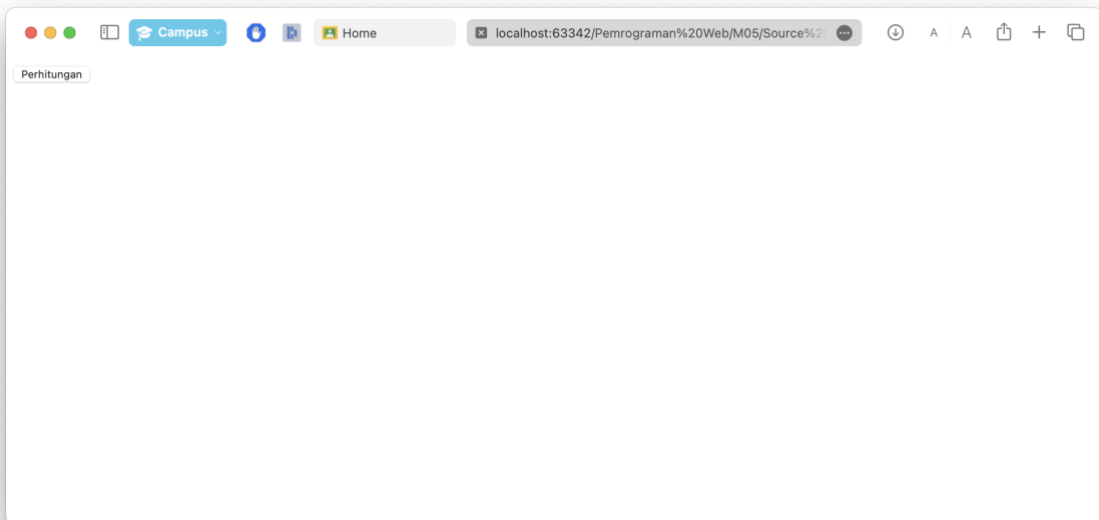
Syntax:

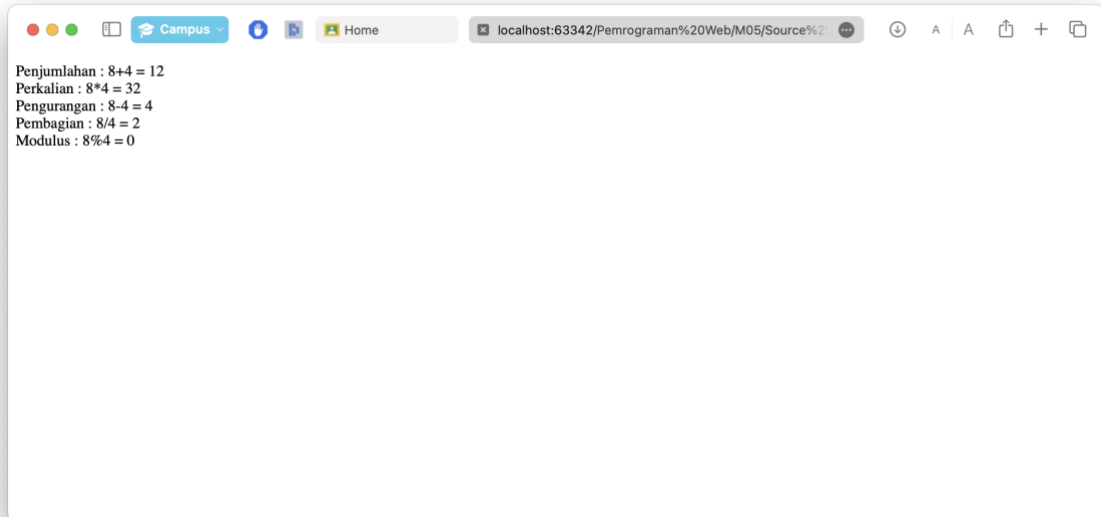




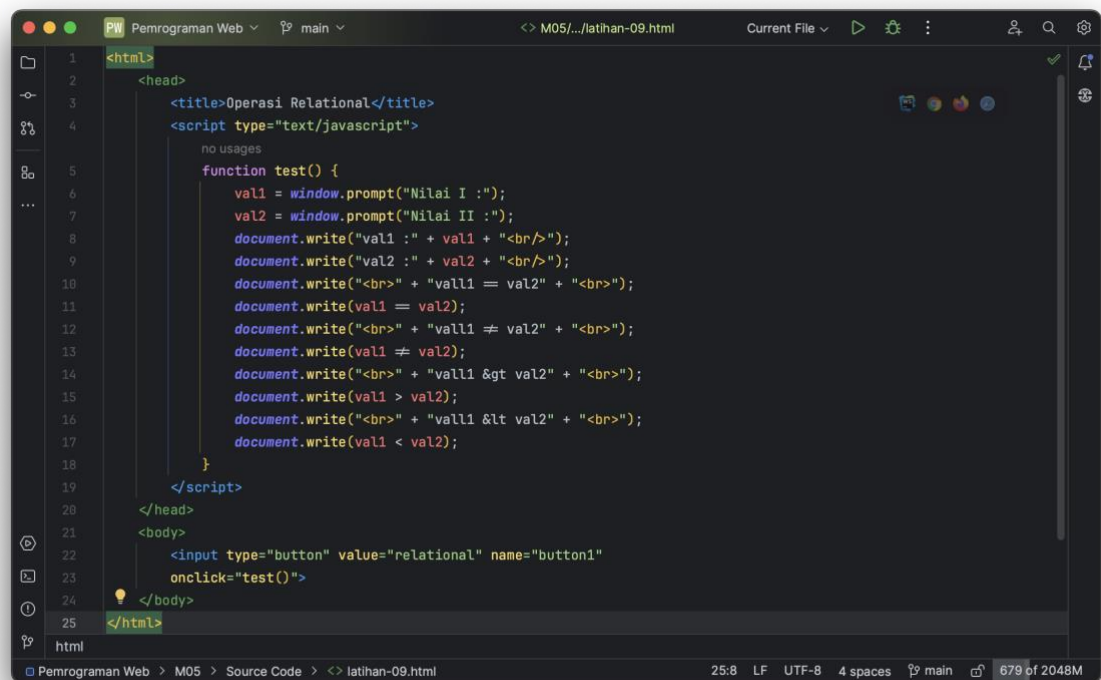
```
1 <html>
2   <head>
3     <title>Operasi Dasar Aritmatika</title>
4     <script type="text/javascript">
5       no usages
6       function test(val1, val2) {
7         document.write("Penjumlahan : " + val1);
8         document.write(" + " + val2 + " = ");
9         document.write(val1 + val2 + "<br/>");
10        document.write("Perkalian : " + val1);
11        document.write(" * " + val2 + " = ");
12        document.write(val1 * val2 + "<br/>");
13        document.write("Pengurangan : " + val1);
14        document.write(" - " + val2 + " = ");
15        document.write(val1 - val2 + "<br/>");
16        document.write("Pembagian : " + val1);
17        document.write(" / " + val2 + " = ");
18        document.write(val1 / val2 + "<br/>");
19        document.write("Modulus : " + val1);
20        document.write(" % " + val2 + " = ");
21        document.write(val1 % val2 + "<br/>");
22      }
23    </script>
24  </head>
25  <body>
26    <input type="button" value="Perhitungan" name="button1"
27      onclick="test(8, 4)">
28  </body>
29 </html>
```

Tampilan:

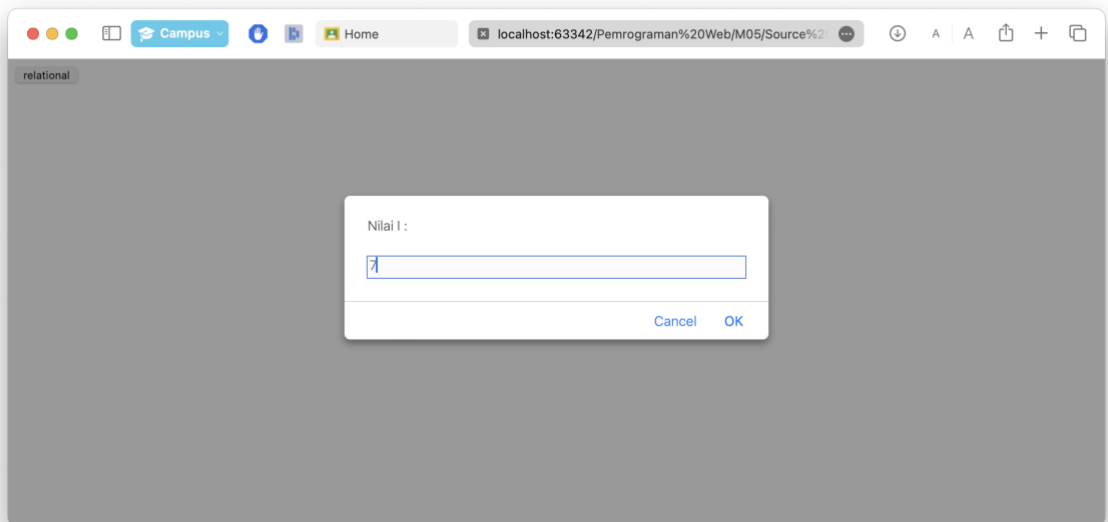
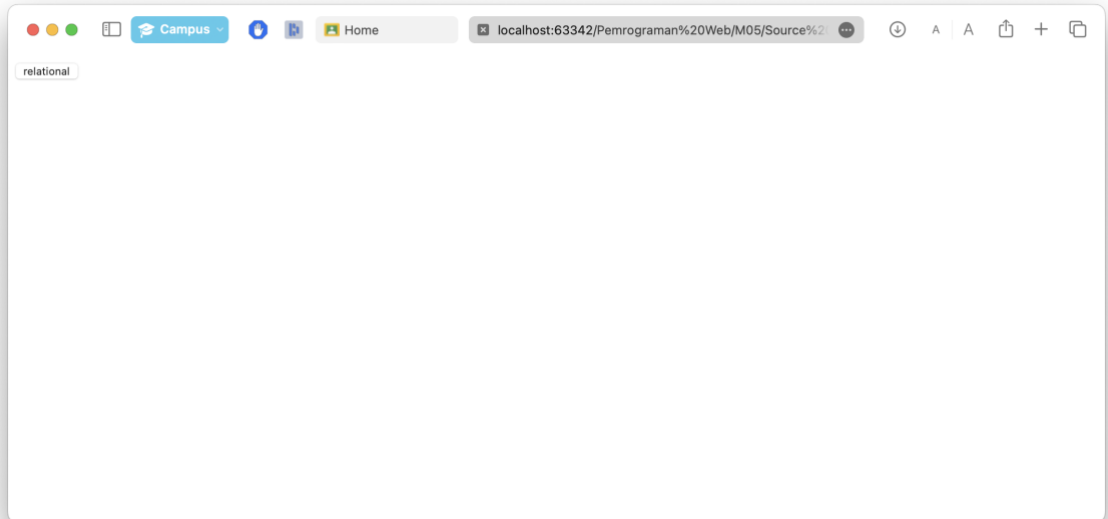


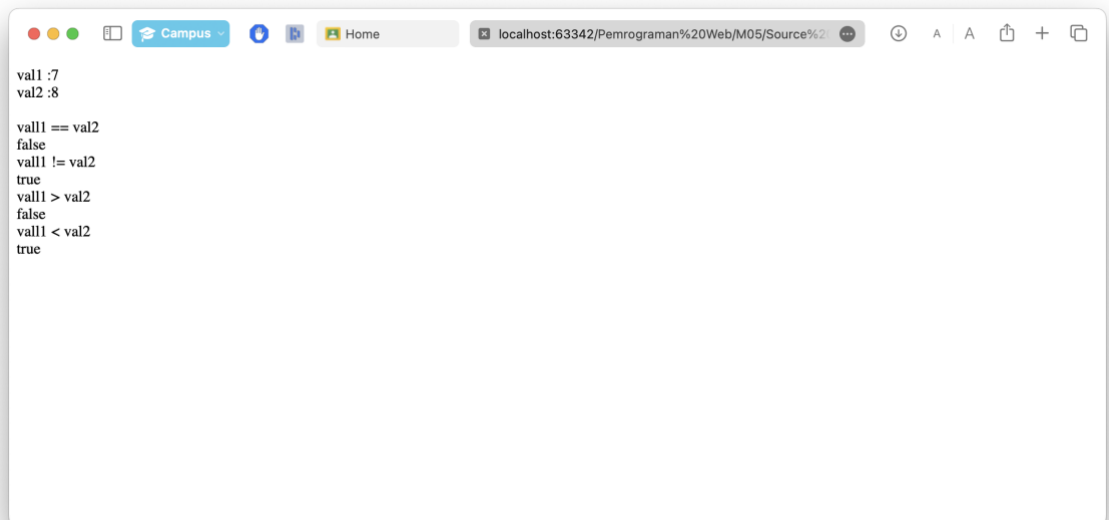
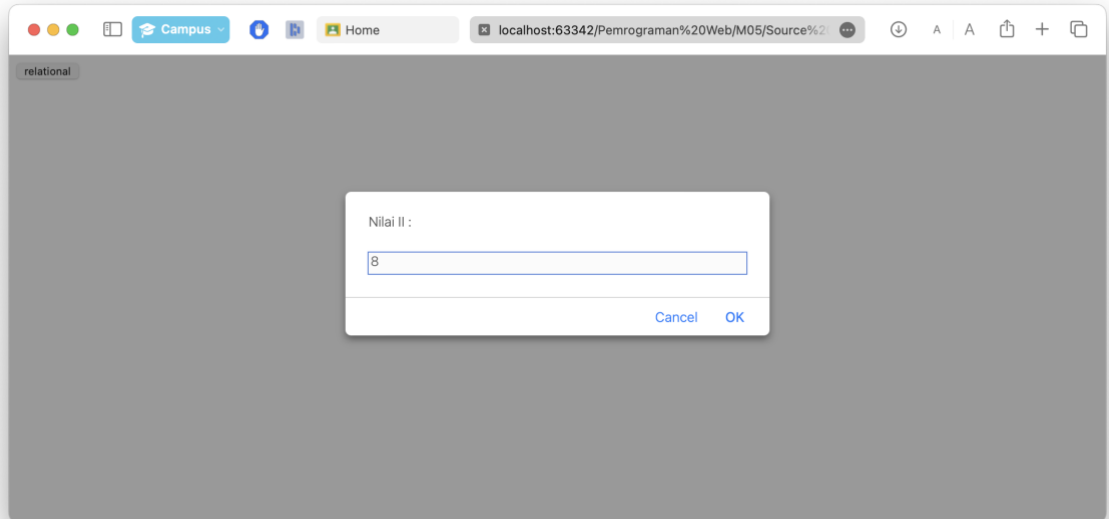


## 9. Relasional Syntax:



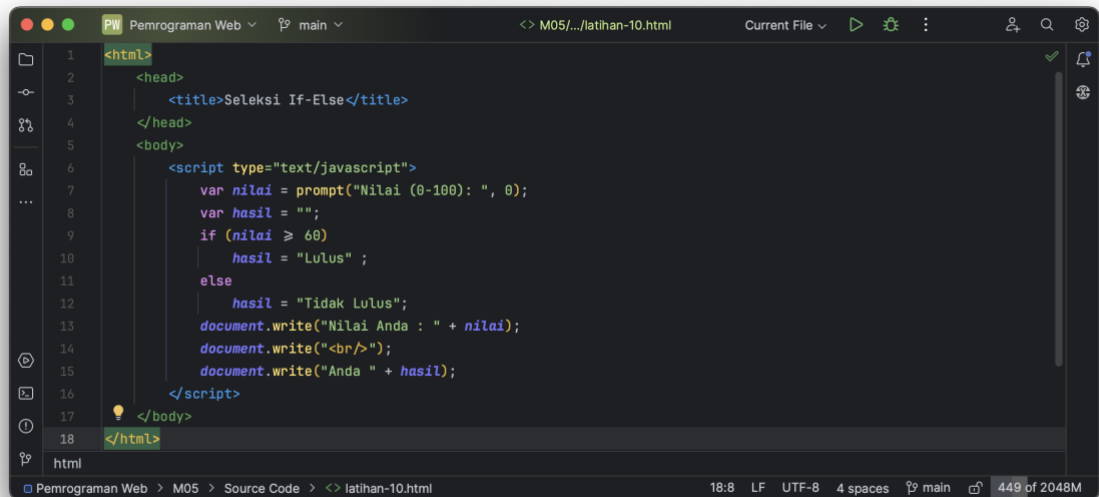
Tampilan:





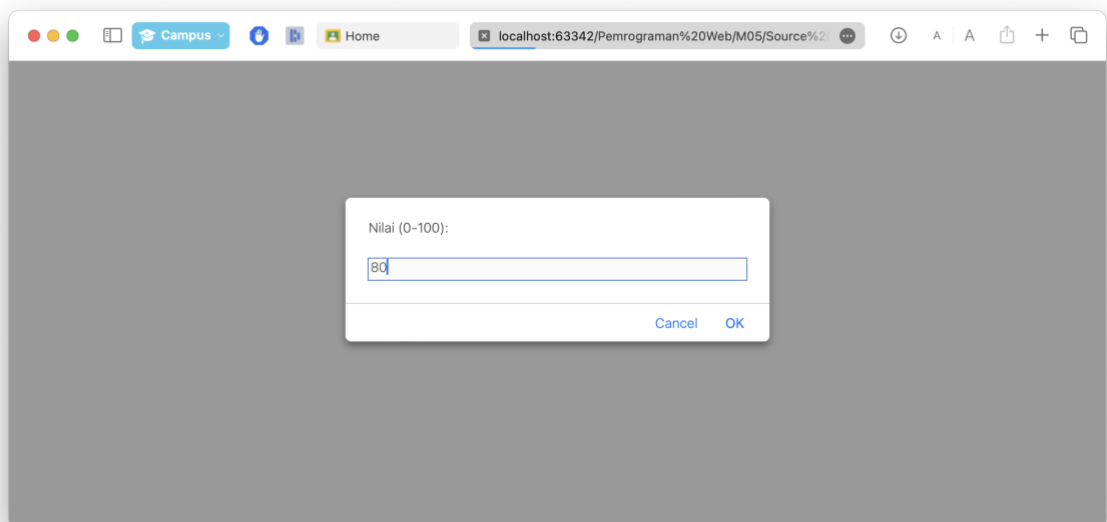
## 10. Seleksi If .. else

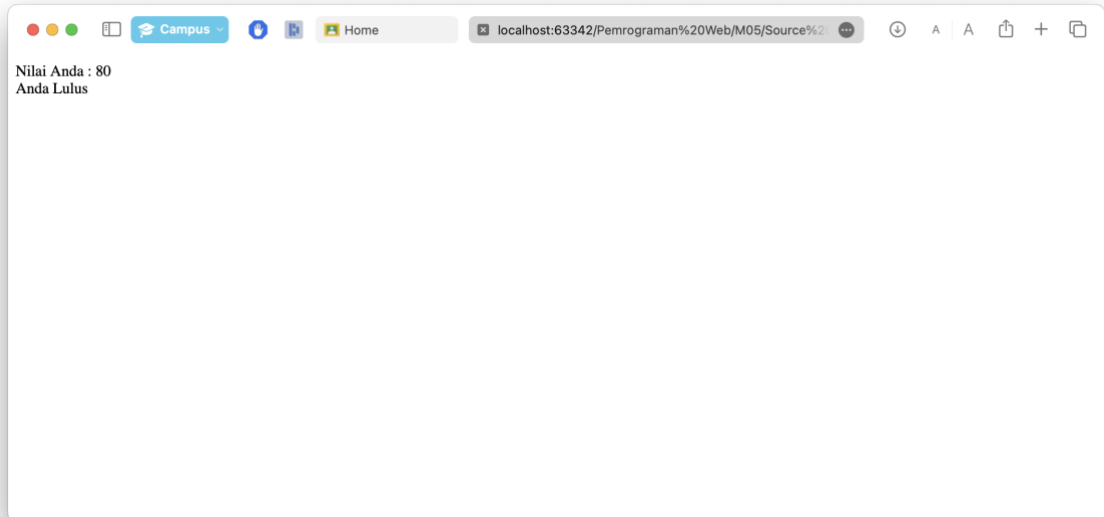
Syntax:



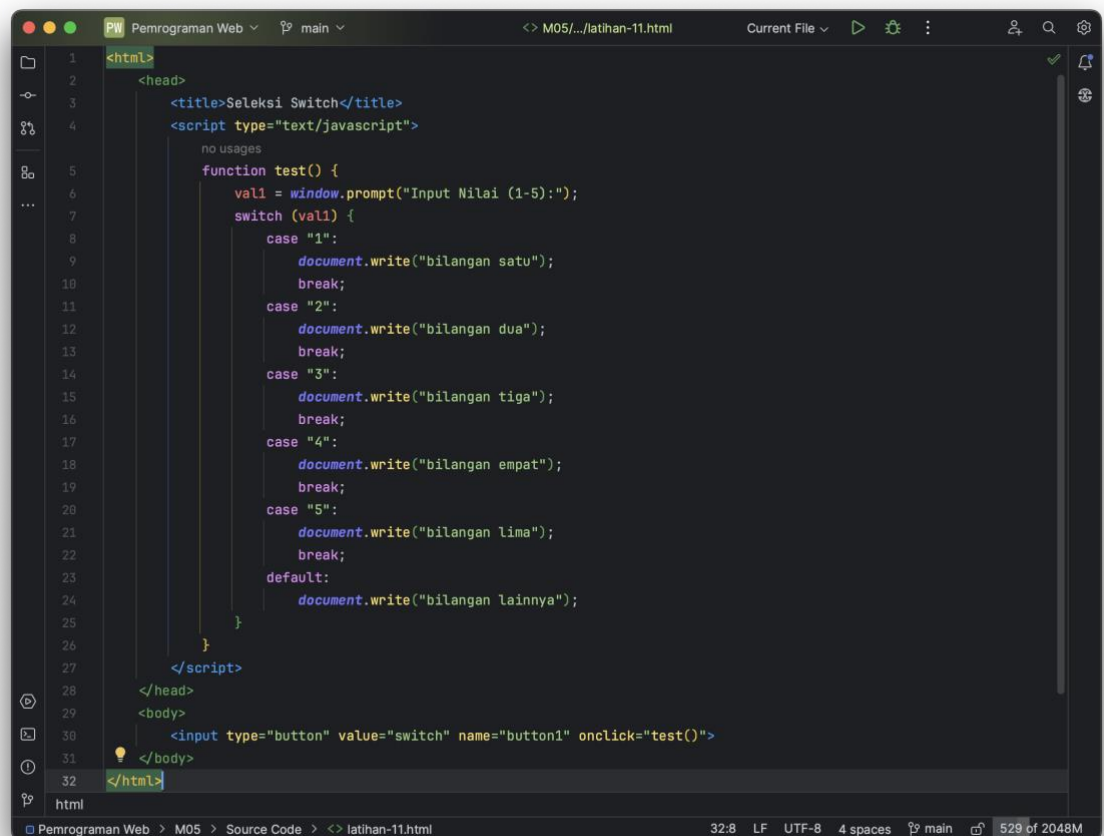
```
1 <html>
2   <head>
3     <title>Seleksi If-Else</title>
4   </head>
5   <body>
6     <script type="text/javascript">
7       var nilai = prompt("Nilai (0-100): ", 0);
8       var hasil = "";
9       if (nilai ≥ 60)
10        hasil = "Lulus" ;
11      else
12        hasil = "Tidak Lulus";
13      document.write("Nilai Anda : " + nilai);
14      document.write("<br/>");
15      document.write("Anda " + hasil);
16    </script>
17  </body>
18 </html>
```

Tampilan:

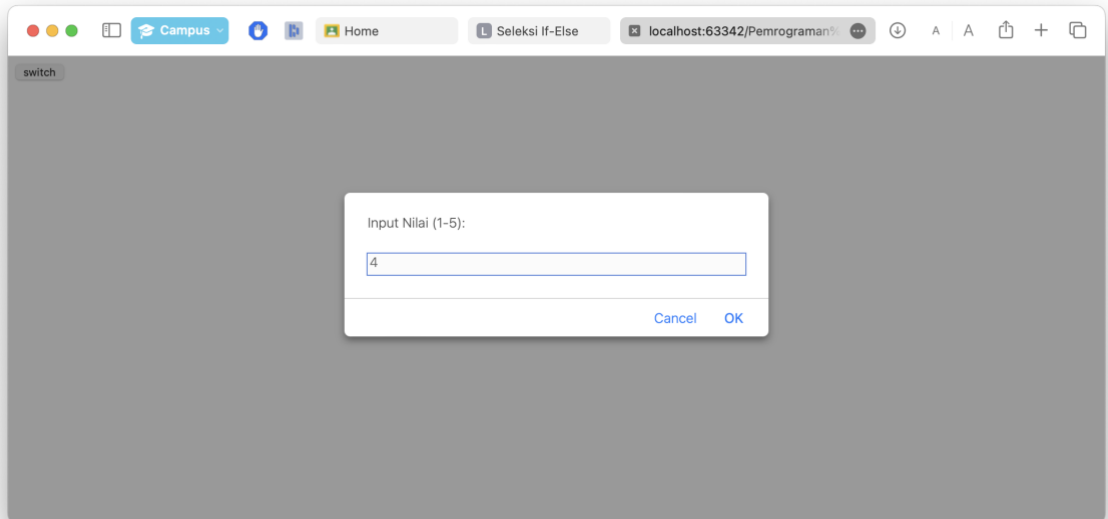
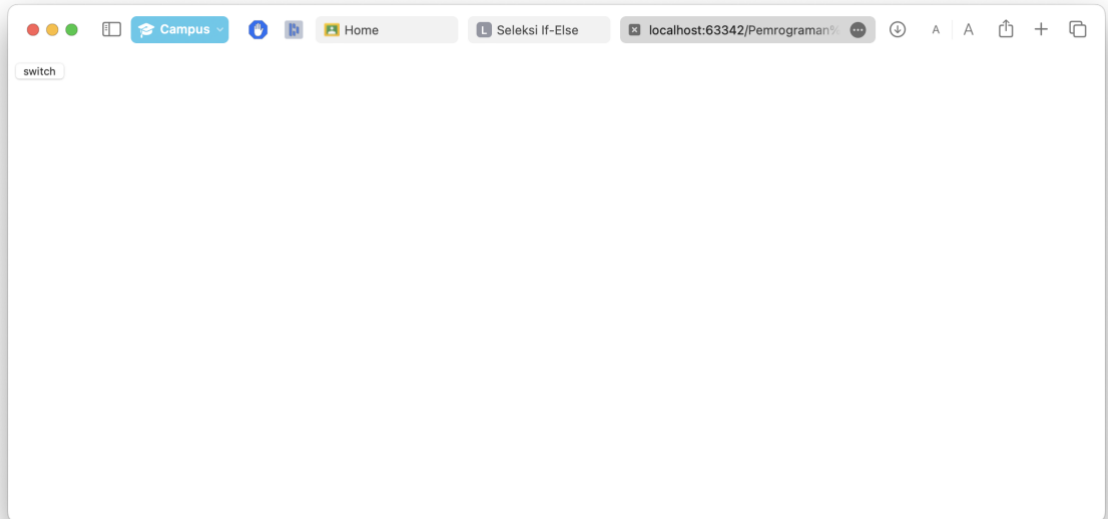


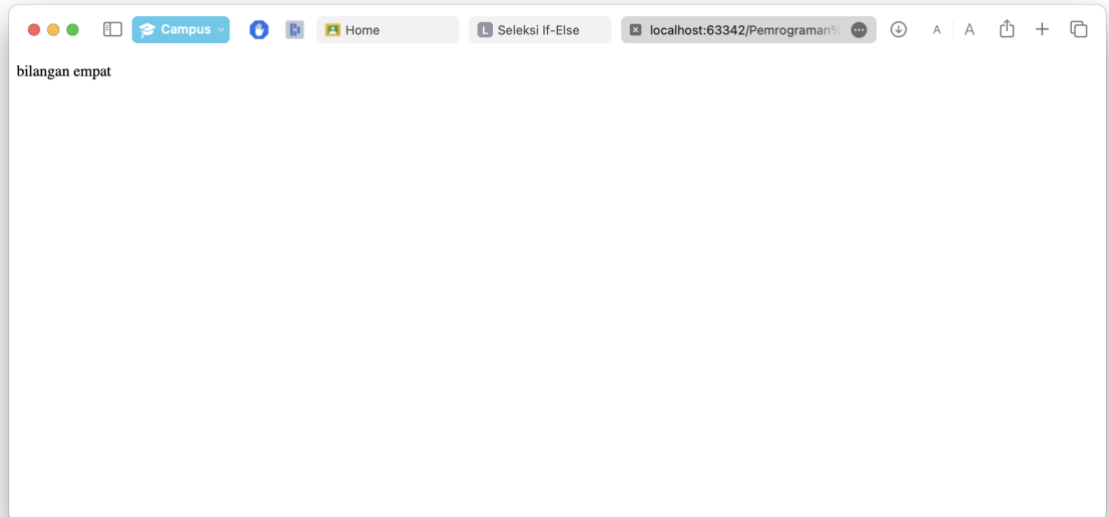


## 11. Switch Syntax:



Tampilan:



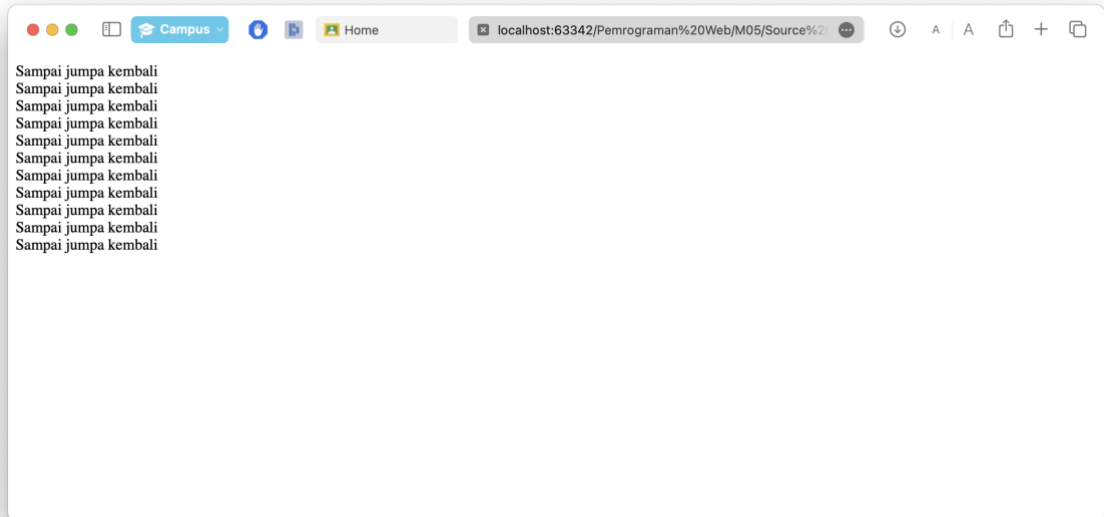


## 12. Pengulangan – for Syntax:



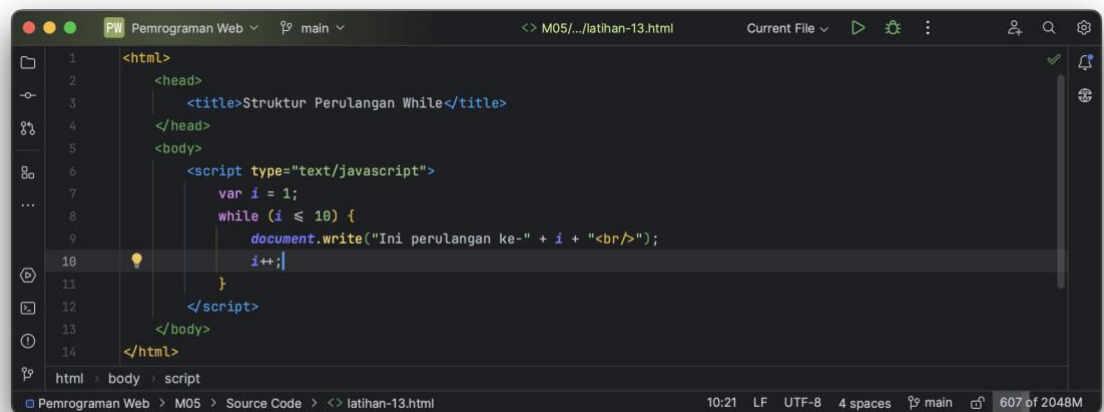
Tampilan:



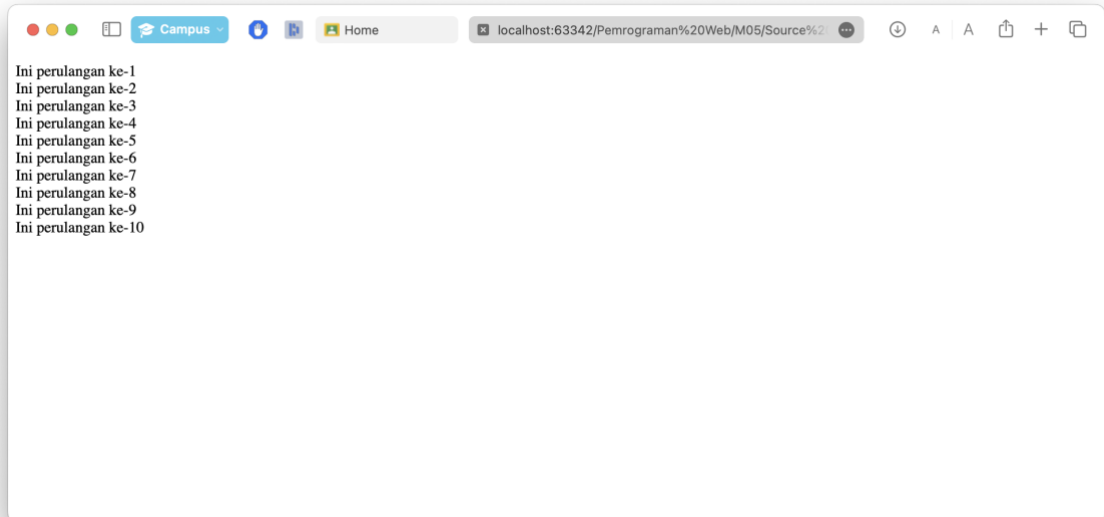


### 13. Pengulangan – while

Syntax:

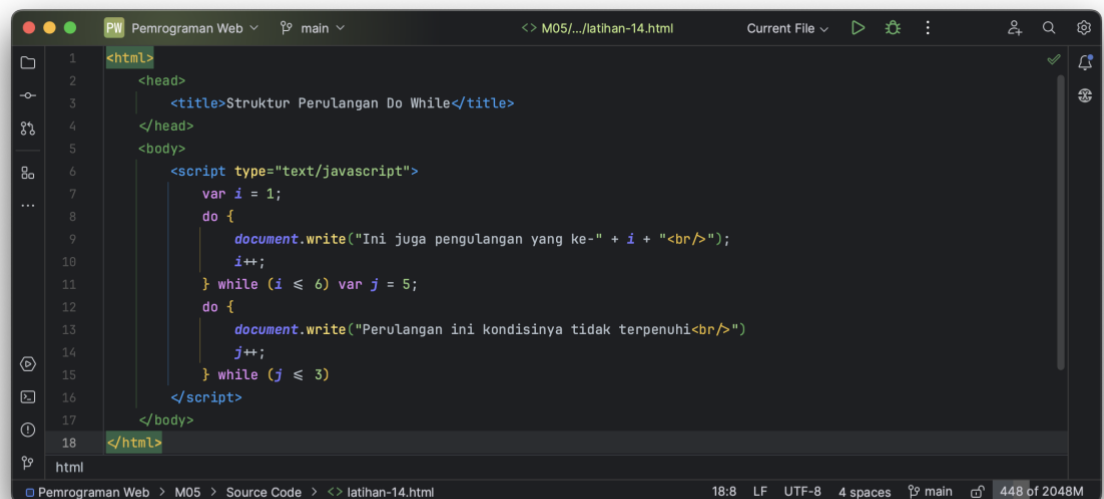


Tampilan:

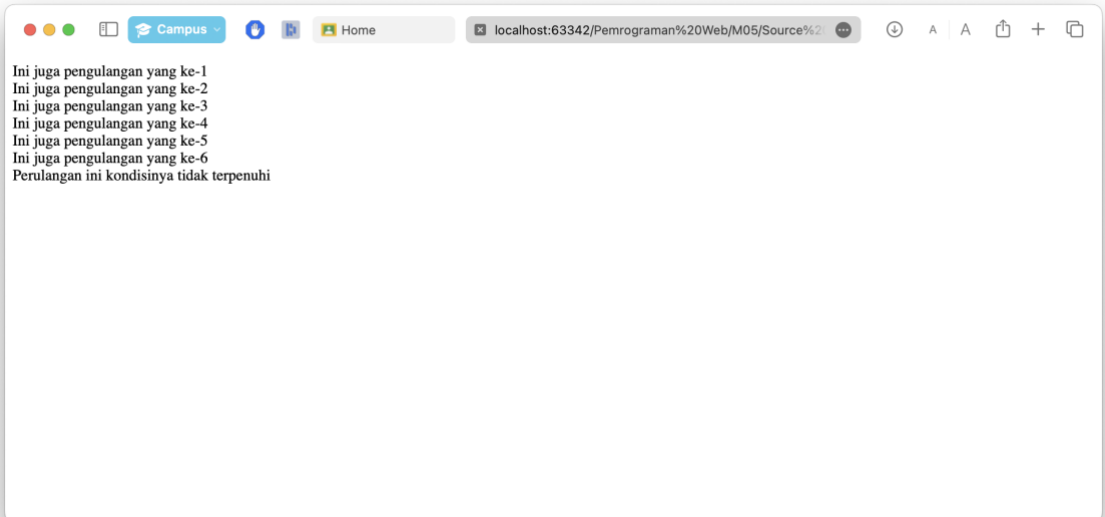


#### 14. Pengulangan – do .. while

Syntax:

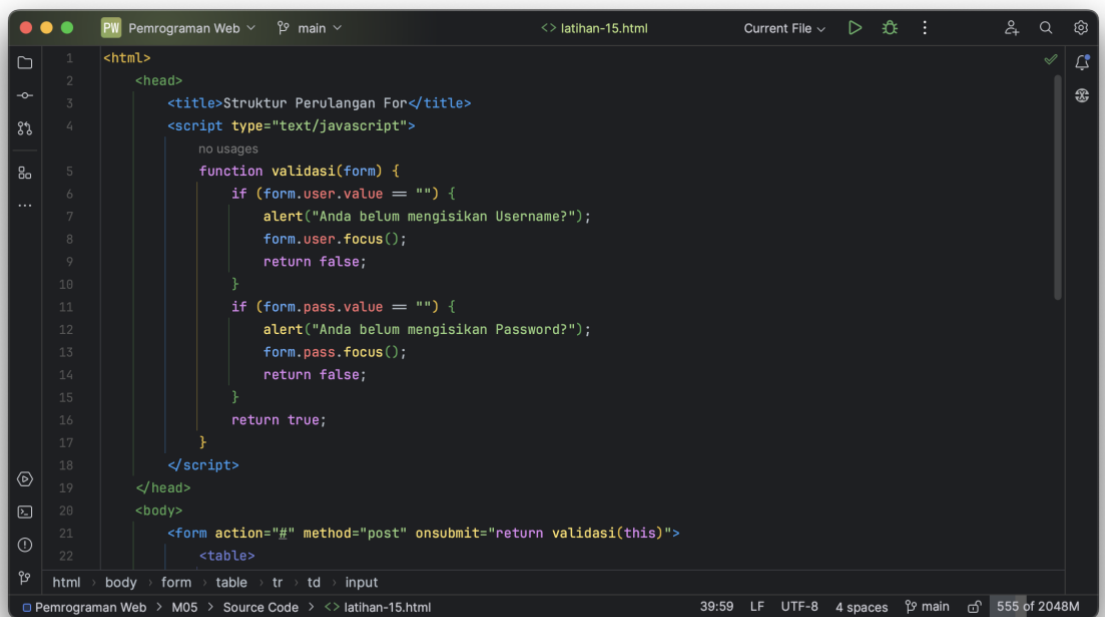


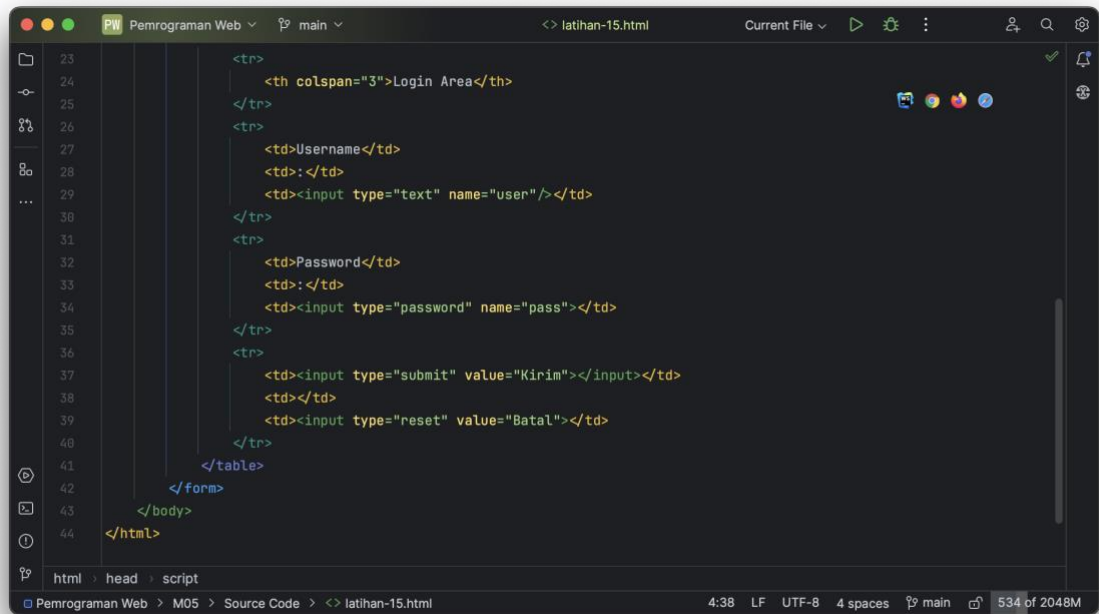
Tampilan:



## 15. Pengulangan – for alert

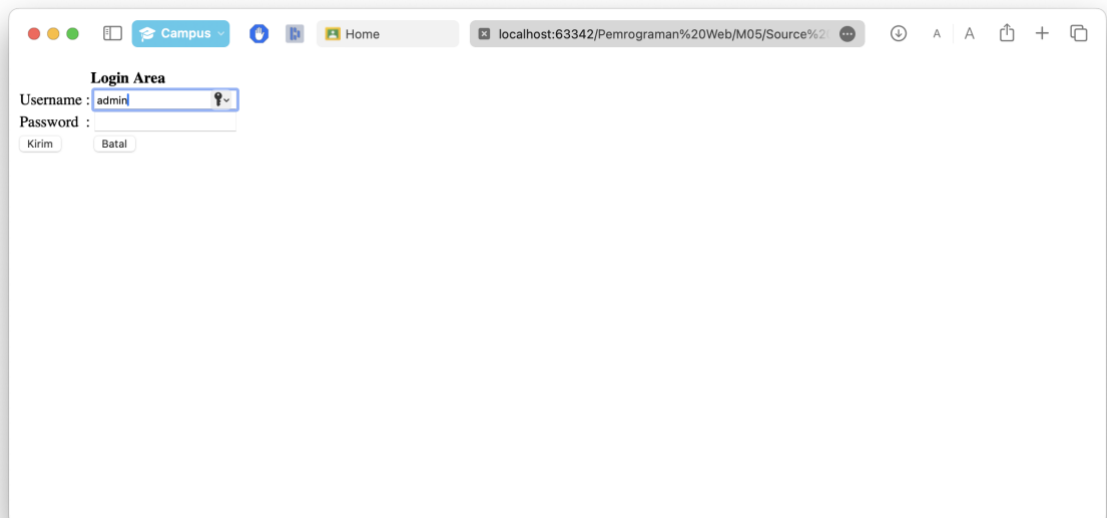
Syntax:

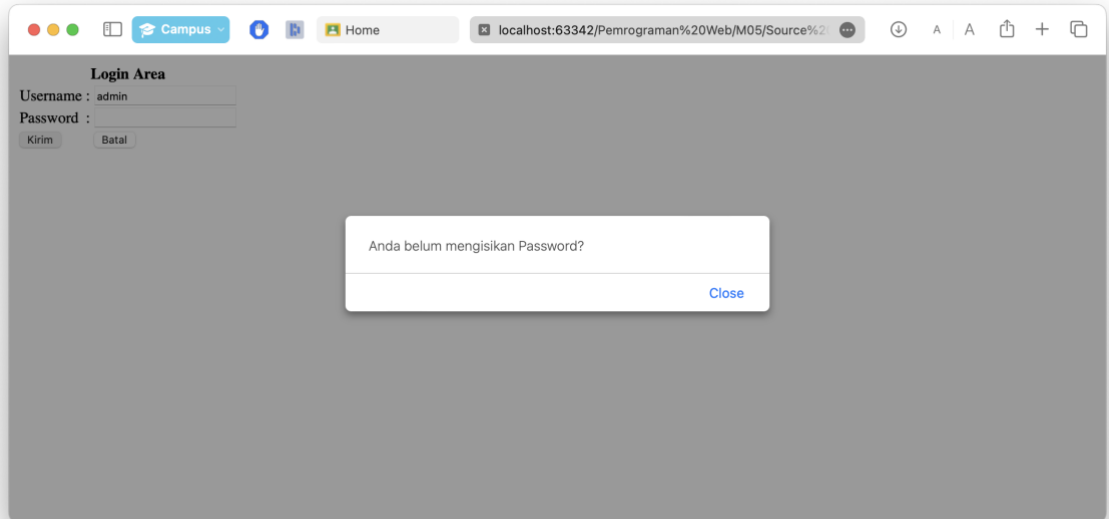




```
23 <tr>
24   <th colspan="3">Login Area</th>
25 </tr>
26 <tr>
27   <td>Username</td>
28   <td></td>
29   <td><input type="text" name="user"/></td>
30 </tr>
31 <tr>
32   <td>Password</td>
33   <td></td>
34   <td><input type="password" name="pass"></td>
35 </tr>
36 <tr>
37   <td><input type="submit" value="Kirim"></td>
38   <td></td>
39   <td><input type="reset" value="Batal"></td>
40 </tr>
41 </table>
42 </form>
43 </body>
44 </html>
```

Tampilan:



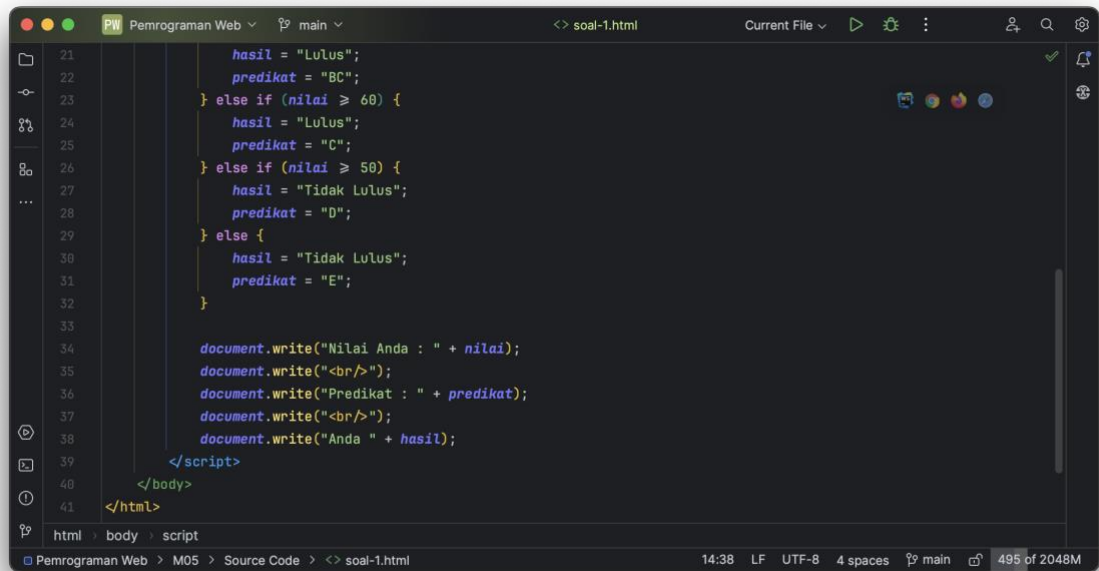


**Soal :**

1. Berdasarkan praktikum 5.10, buatlah seleksi seperti table berikut:

Syntax:

```
1 <html>
2   <head>
3     <title>Seleksi If-Else</title>
4   </head>
5   <body>
6     <script type="text/javascript">
7       let nilai = prompt("Nilai (0-100): ", 0);
8       let hasil = "";
9       let predikat = "";
10
11       if (nilai >= 80) {
12         hasil = "Lulus";
13         predikat = "A";
14       } else if (nilai >= 75) {
15         hasil = "Lulus";
16         predikat = "AB";
17       } else if (nilai >= 70) {
18         hasil = "Lulus";
19         predikat = "B";
20       } else if (nilai >= 65) {
```

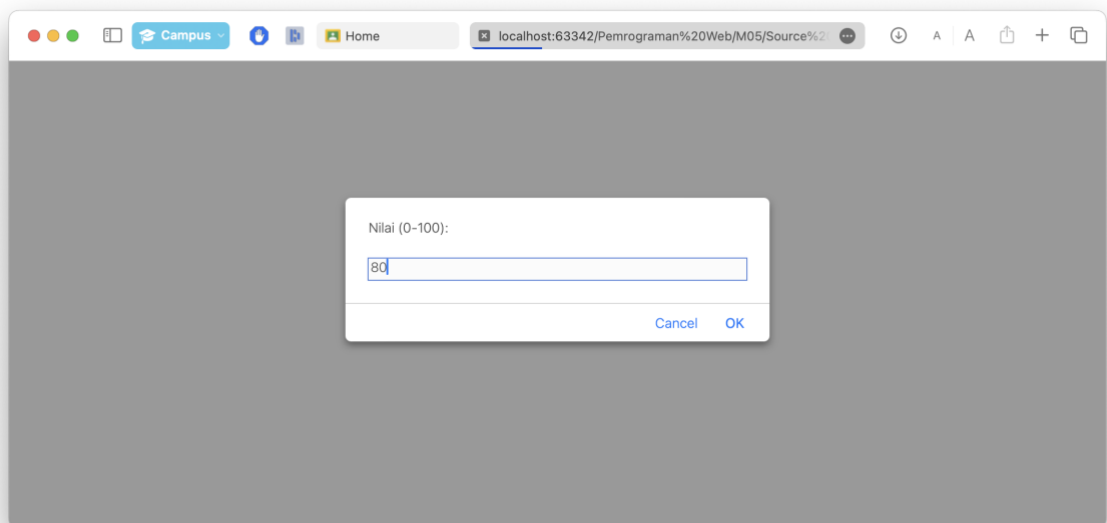


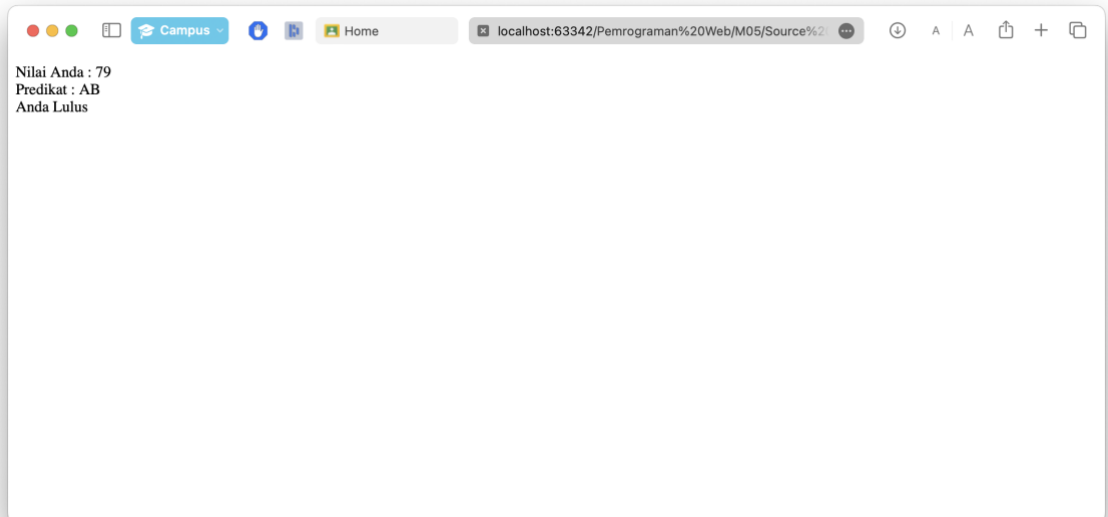
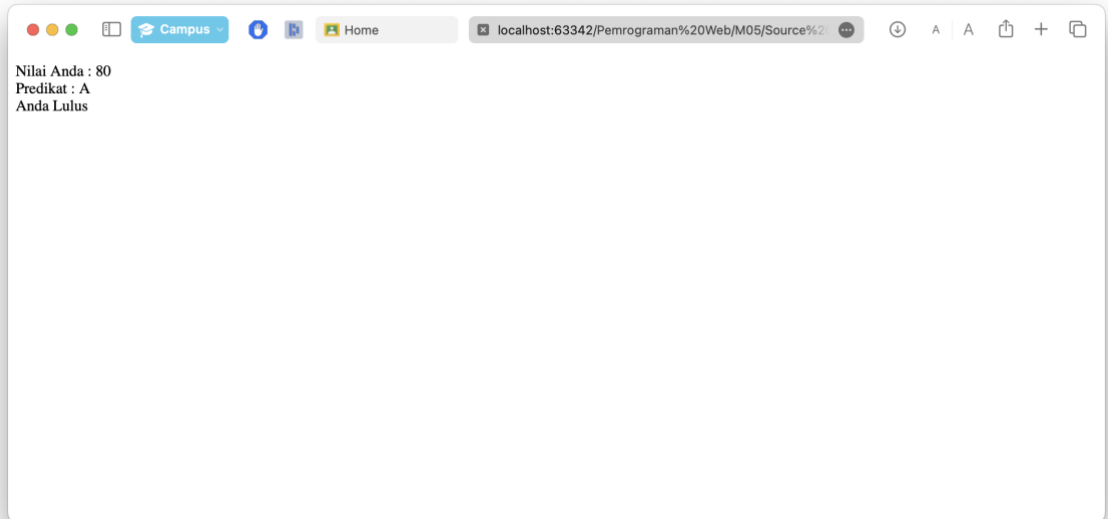
```
21     hasil = "Lulus";
22     predikat = "BC";
23 } else if (nilai ≥ 60) {
24     hasil = "Lulus";
25     predikat = "C";
26 } else if (nilai ≥ 50) {
27     hasil = "Tidak Lulus";
28     predikat = "D";
29 } else {
30     hasil = "Tidak Lulus";
31     predikat = "E";
32 }
33
34 document.write("Nilai Anda : " + nilai);
35 document.write("<br/>");
36 document.write("Predikat : " + predikat);
37 document.write("<br/>");
38 document.write("Anda " + hasil);
39 </script>
40 </body>
41 </html>
```

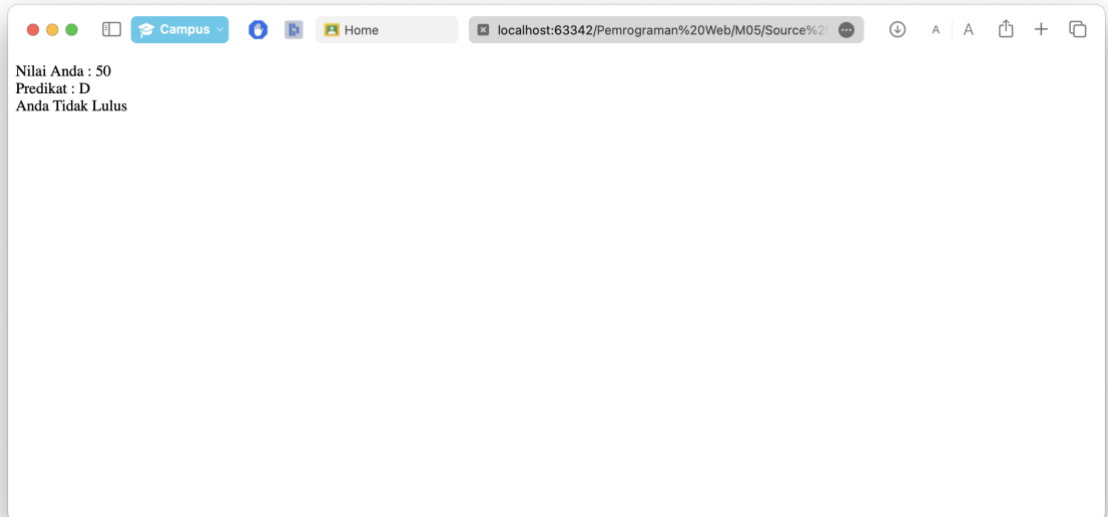
html › body › script

Pemrograman Web › M05 › Source Code › <> soal-1.html 14:38 LF UTF-8 4 spaces 9 main 495 of 2048M

Tampilan:







2. Berdasarkan praktikum 5.12, buatlah pengulangan sejumlah nilai yang diinputkan melalui keyboard. Misal di input 10, maka akan menampilkan tulisan sebanyak 10 kali.

Syntax:



Tampilan:



