



JavaScript

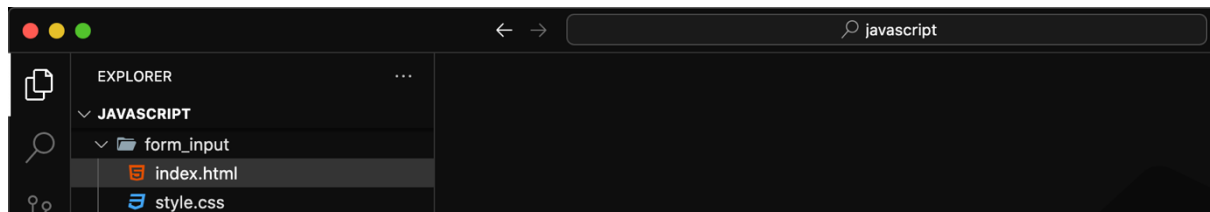
A Game Changer of
Complex Applications

HTML Form + JavaScript

Berikut penggunaan JavaScript untuk mengakses dan memanipulasi objek input HTML menggunakan "Form".

Struktur File

Buat file dengan nama **index.html** dan **style.css** di dalam folder **javascript > form_input**. Silahkan lihat gambar di bawah.



1. index.html

Ketik kode index.html seperti screenshot di bawah.

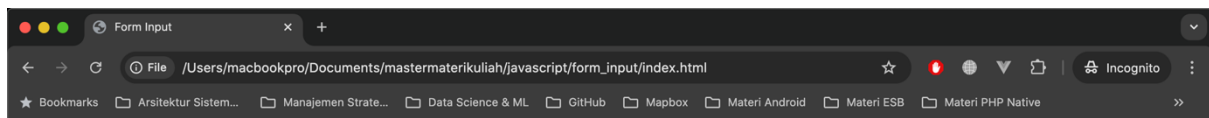
```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Form Input</title>
5     <link rel="stylesheet" href="style.css">
6   </head>
7   <body>
8     <div class="contents">
9       <h2>Isi Data Diri</h2>
10      <div class="form-content">
11        <form id="form-data-diri">
12
13          <div class="form-element">
14            <label for="nama">Nama : </label><br>
15            <input id="nama" type="text" name="nama" placeholder="Nama Anda" size="50" required><br>
16          </div>
17
18          <div class="form-element">
19            <label for="matakuliah">Mata Kuliah : </label><br>
20            <input id="matakuliah" type="text" name="matakuliah" placeholder="Mata Kuliah yang Diambil" size="50" required><br>
21          </div>
22
23          <div class="form-element">
24            <input id="submit-button" type="submit" value="Submit Data">
25          </div>
26
27        </form>
28      </div>
29
30      <h3 id="message-after-submit"></h3>
31
32    </div>
33
34    <script>
35      const submitAction = document.getElementById("form-data-diri");
36      submitAction.addEventListener("submit", function(){
37        const inputNama = document.getElementById("nama").value;
38        const inputMataKuliah = document.getElementById("matakuliah").value;
39        const message = "Selamat datang, "+inputNama+" di Mata Kuliah "+inputMataKuliah;
40        document.getElementById("message-after-submit").innerText = message;
41        event.preventDefault();
42      });
43    </script>
44
45  </body>
46 </html>
```

2. style.css

Ketik kode style.css seperti screenshot di bawah.

```
style.css x
form_input > style.css > .form-element
1  h2 {
2    text-align: center;
3  }
4
5  .contents {
6    position: fixed;
7    top: 50%;
8    left: 50%;
9    transform: translate(-50%, -50%);
10   border: 1px solid black;
11   border-width: 2px;
12   padding : 15px;
13 }
14
15 .form-element {
16   margin: 8px;
17   align-items: left;
18 }
```

Output :



Isi Data Diri

Nama :

Mata Kuliah :

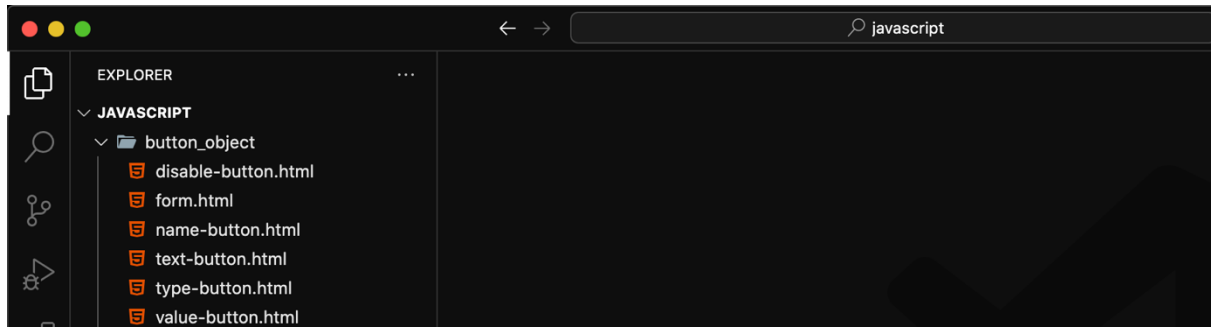
Selamat datang, Kevin Perdana di Mata Kuliah Pemrograman 3

DOM JavaScript – Akses Element HTML

Materi berikut adalah penggunaan JavaScript untuk mengakses dan memanipulasi objek input HTML atau lebih spesifiknya yaitu “Button”.

Struktur File

Berikut susunan file JavaScript. Masing-masing latihan dibuat ke dalam masing-masing file JavaScript dan di dalam folder **button_object**. Silahkan lihat gambar di bawah.

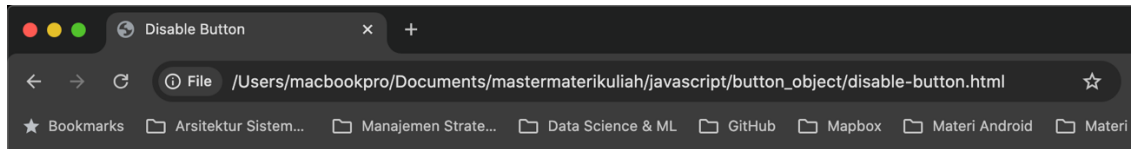


1. Disable Button

Merubah fungsi dari komponen HTML.

```
disable-button.html x
button_object > disable-button.html > ...
1  <!DOCTYPE html>
2  <head>
3    <title>Disable Button</title>
4  </head>
5
6  <body>
7
8    <h2>Disable Button</h2>
9
10   <input type="button" id="btn01" value="OK">
11
12   <p>Klik untuk disable tombol OK</p>
13
14   <button onclick="disableElement()">Disable</button>
15
16   <script>
17     Codeium: Refactor | Explain | Generate Function Comment | X
18     function disableElement() {
19       document.getElementById("btn01").disabled = true;
20     }
21   </script>
22 </body>
23 </html>
```

Output :



Disable Button

OK

Klik untuk disable tombol OK

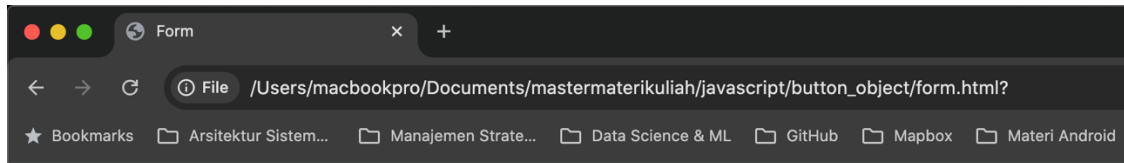
Disable

2. Form ID

Mengambil property id pada HTML.

```
form.html x
button_object > form.html > ...
1  <!DOCTYPE html>
2  <head>
3    <title>Form</title>
4  </head>
5
6  <body>
7
8    <h2>Tampilkan Form ID</h2>
9
10   <form id="form-1">
11     <button id="btn1" type="submit" >HTML</button>
12   </form>
13
14   <p>Klik untuk menampilkan "form id" HTML</p>
15
16   <button onclick="myFunction()">Tampilkan Form ID</button>
17
18   <p id="tampilkan-form-id"></p>
19
20   <script>
21     Codeium: Refactor | Explain | Generate Function Comment | X
22     function myFunction() {
23       var x = document.getElementById("btn1").form.id;
24       document.getElementById("tampilkan-form-id").innerHTML = x;
25     }
26   </script>
27 </body>
28 </html>
```

Output :



Tampilkan Form ID

HTML

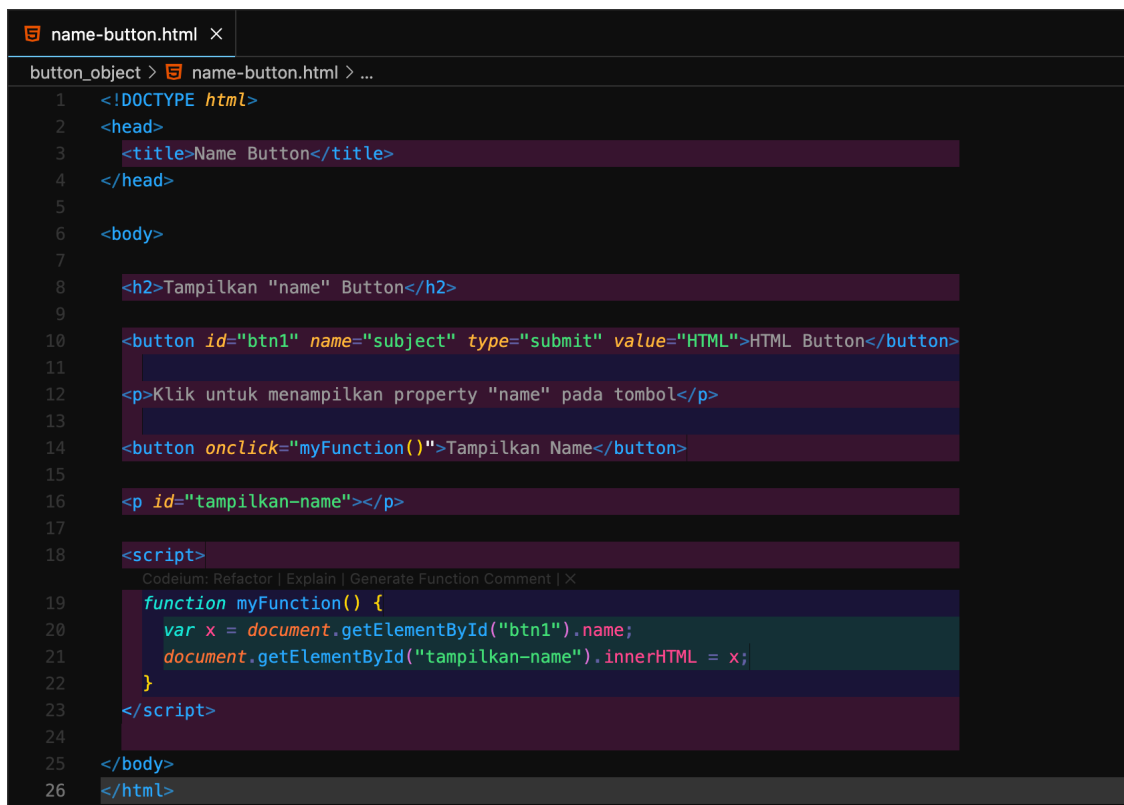
Klik untuk menampilkan "form id" HTML

Tampilkan Form ID

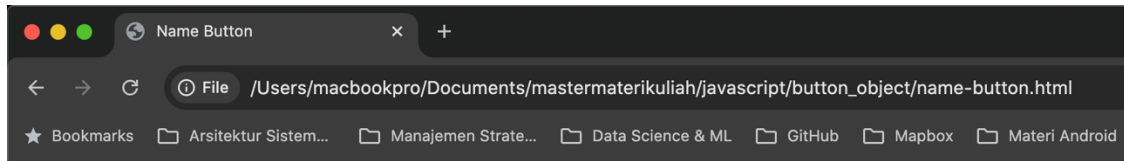
form-1

3. Name Button

Mengambil property name pada HTML.



Output :



Tampilkan "name" Button

HTML Button

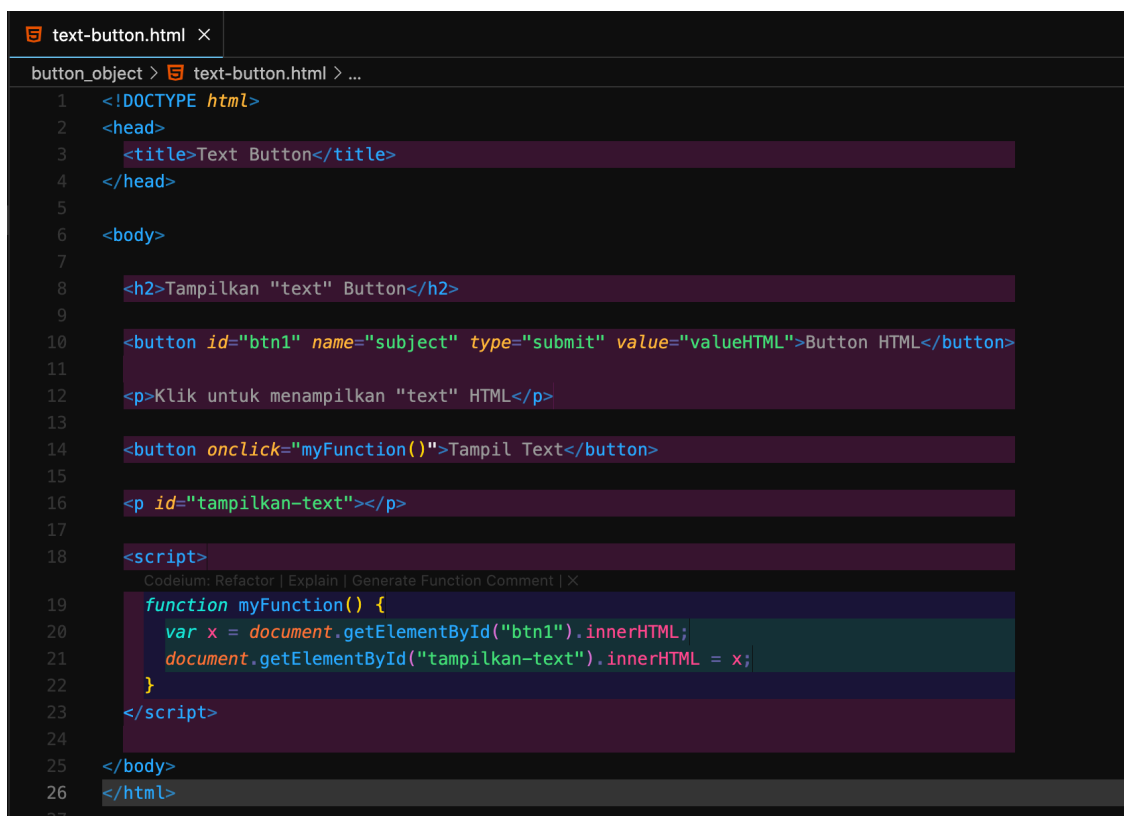
Klik untuk menampilkan property "name" pada tombol

Tampilkan Name

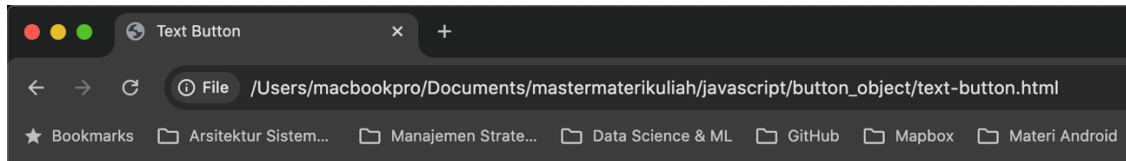
subject

4. Text Button

Mengambil property text pada HTML.



Output :



Tampilkan "text" Button

Button HTML

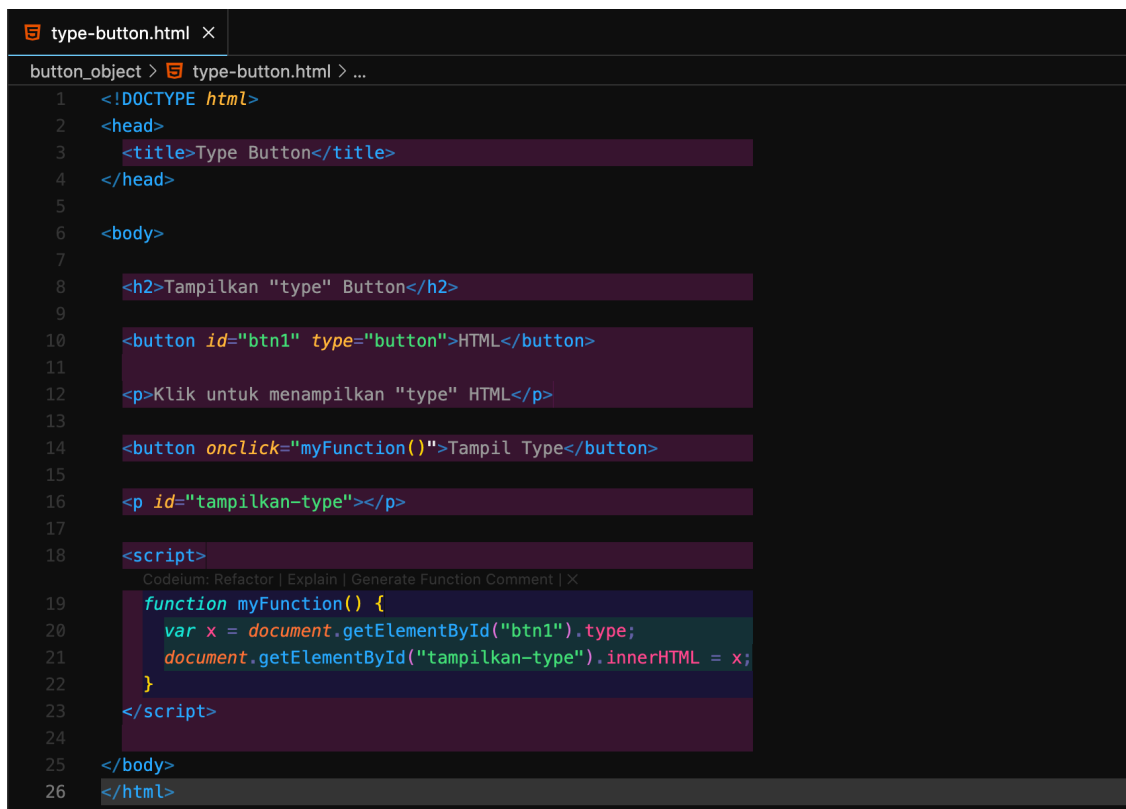
Klik untuk menampilkan "text" HTML

Tampil Text

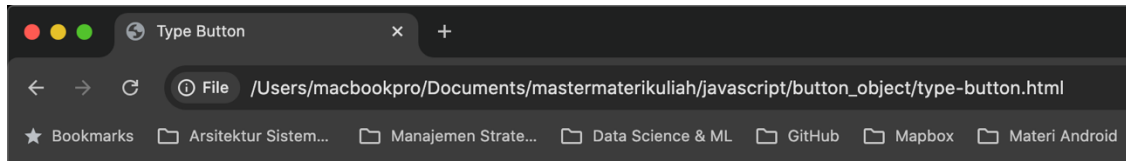
Button HTML

5. Type Button

Mengambil property type pada HTML.



Output :



Tampilkan "type" Button

HTML

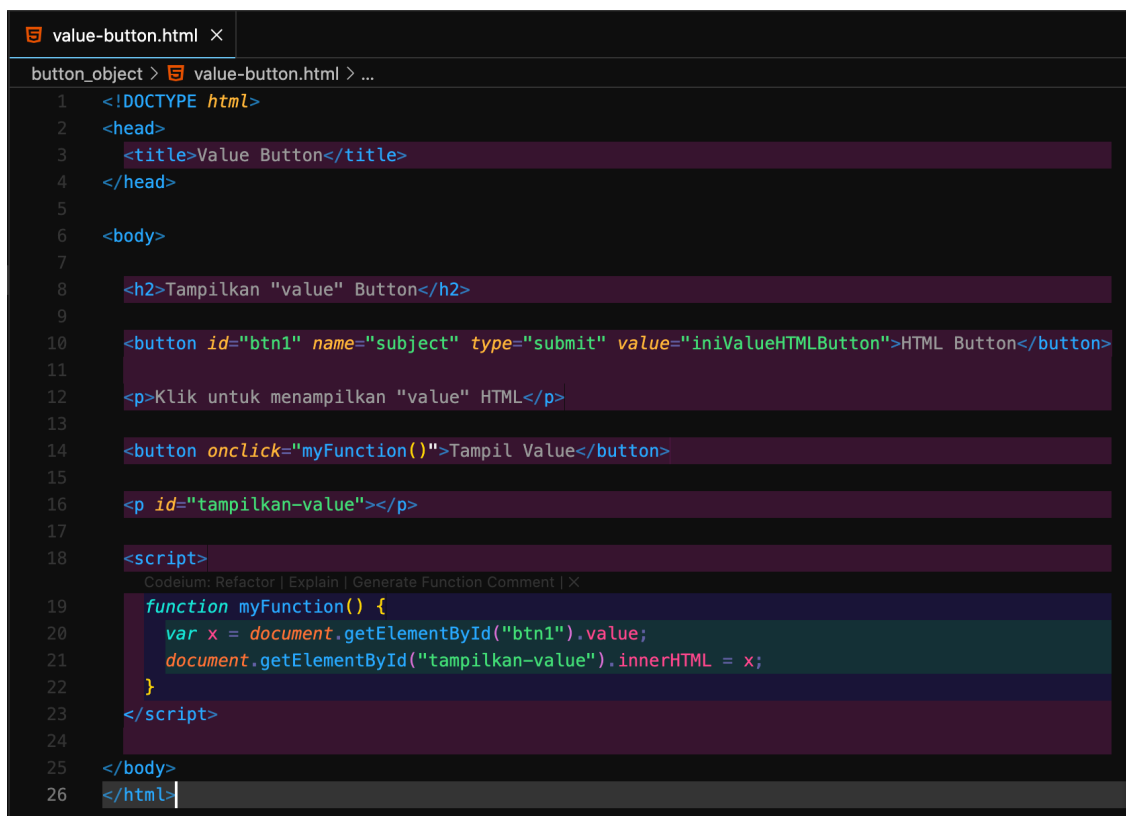
Klik untuk menampilkan "type" HTML

Tampil Type

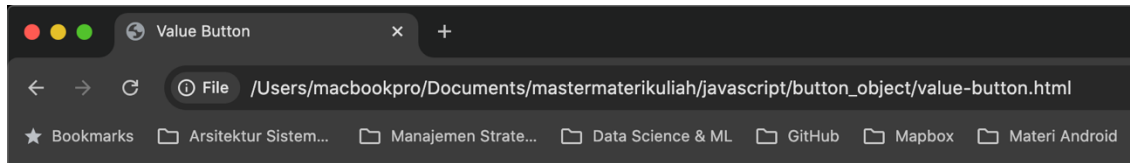
button

6. Value Button

Mengambil property value pada HTML.



Output :



Tampilkan "value" Button

HTML Button

Klik untuk menampilkan "value" HTML

Tampil Value

iniValueHTMLButton