



K4 CSF3123 WEB-BASED INTERFACE DESIGN

SEM 3

LAB REPORT 3

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PREPARED BY:

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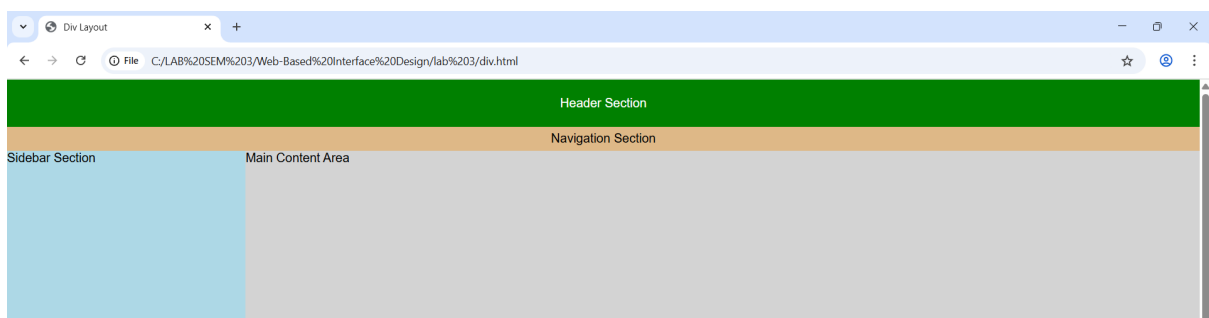
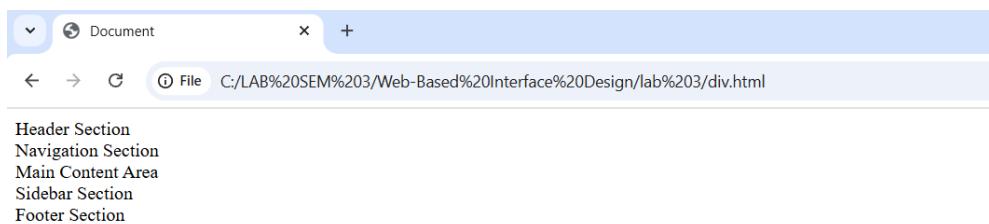
NO. MATRIC: **S75776**

SUBMIT BY: **5/11/2025**

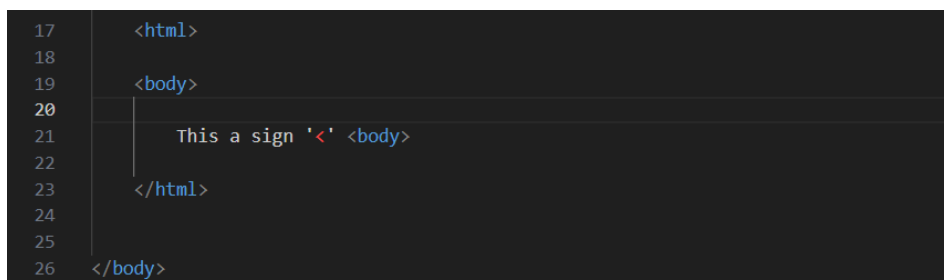
3.2 Block and Inline Elements



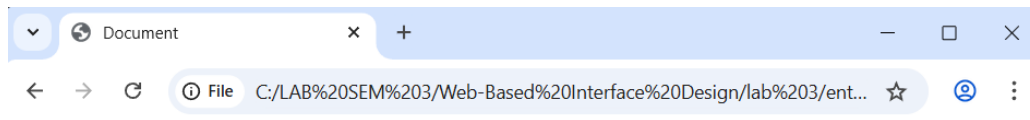
3.3 Using <div> to Organize Content



3.4 Understanding HTML Entities



This a sign '<'

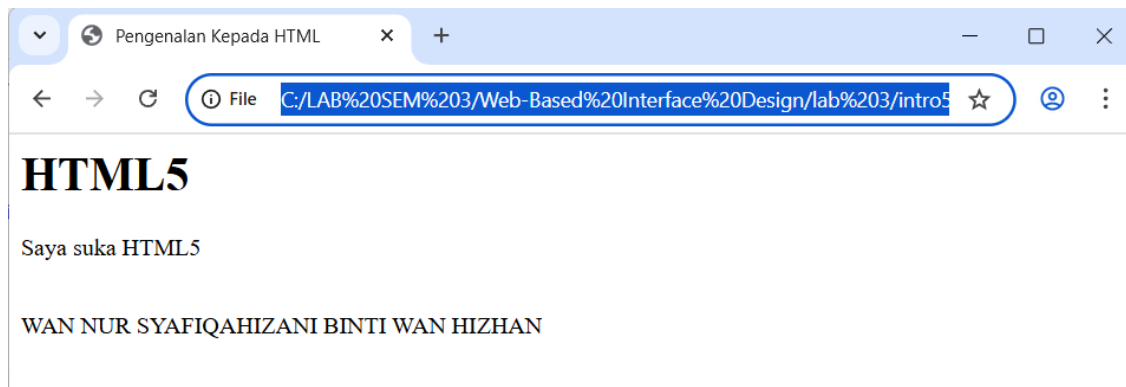


Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan >

Website ini adalah hakmilik SYAFIAHIZANI ©

3.5 Hypertext Mark Up Language 5 (HTML 5)



1. **Error** The character encoding was not declared. Proceeding using `windows-1252`.

2. **Error** Missing space before doctype name.

At line 1, column 10

```
<!DOCTYPE><html><h
```

3. **Error** Nameless doctype.

At line 1, column 10

```
<!DOCTYPE><html><h
```

4. **Error** Quirky doctype. Expected `<!DOCTYPE html>`.

From line 1, column 1; to line 1, column 10

```
<!DOCTYPE><html
```

5. **Error** Stray start tag `html`.

From line 12, column 5; to line 12, column 10

```
ody ><html>
```

1. **Error** The character encoding was not declared. Proceeding using `windows-1252`.

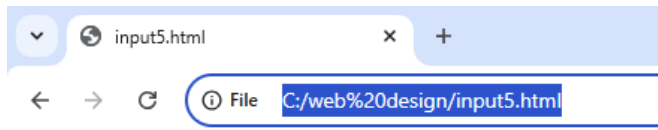
2. **Error** Stray start tag `html`.

From line 11, column 5; to line 11, column 10

```
ody ><html>
```

3.6 Form Elements in HTML5

3.6.1 Input Elements in HTML5



Pilih warna kegemaran anda:

Carian:

Tarikh:

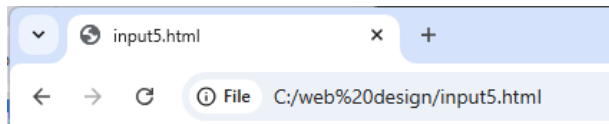
Masa:

Bulan dan Tahun:

Laman Web:

Minggu:

Email:



Pilih warna kegemaran anda:

Carian:

Tarikh:

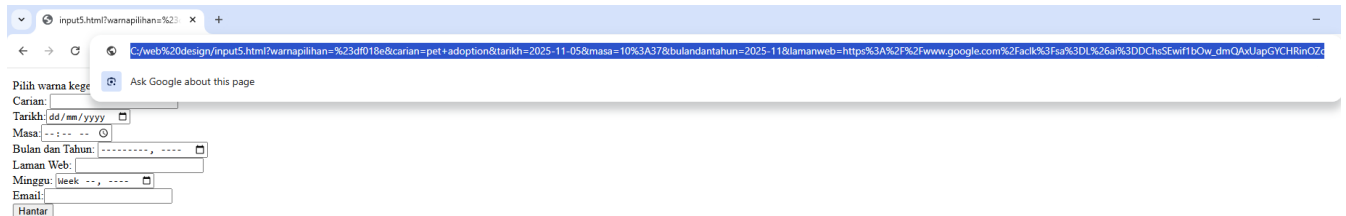
Masa:

Bulan dan Tahun:

Laman Web:

Minggu:

Email:



Pilih warna kegemaran anda:

Carian:

Tarikh:

Masa:

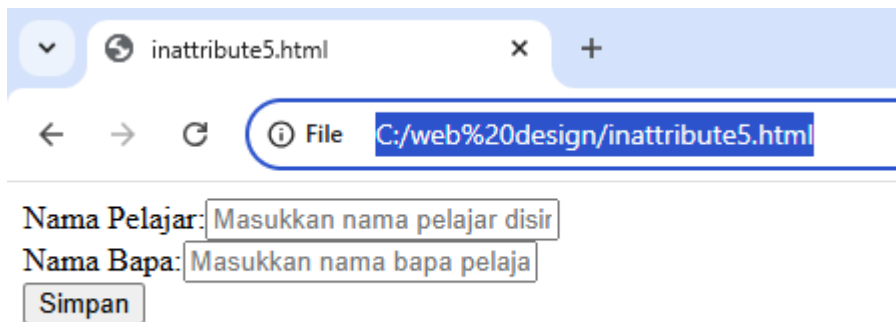
Bulan dan Tahun:

Laman Web:

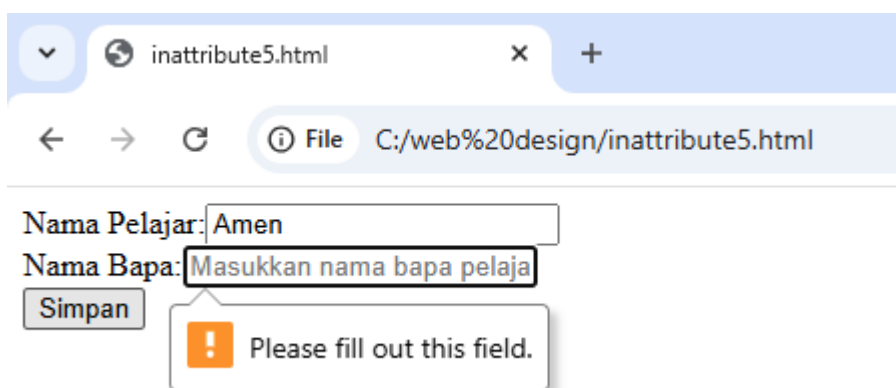
Minggu:

Email:

3.6.2 Attributes for Input HTML5



The screenshot shows a web browser window with the address bar displaying "inattribute5.html" and the file path "C:/web%20design/inattribute5.html". The form contains two input fields: "Nama Pelajar:" with the placeholder text "Masukkan nama pelajar disir" and "Nama Bapa:" with the placeholder text "Masukkan nama bapa pelaja". Below the fields is a button labeled "Simpan".



The screenshot shows the same web browser window. The "Nama Pelajar:" field now contains the text "Amen". The "Nama Bapa:" field still has the placeholder text "Masukkan nama bapa pelaja". The "Simpan" button is visible. A validation error message box is displayed, showing an orange exclamation mark icon and the text "Please fill out this field.".

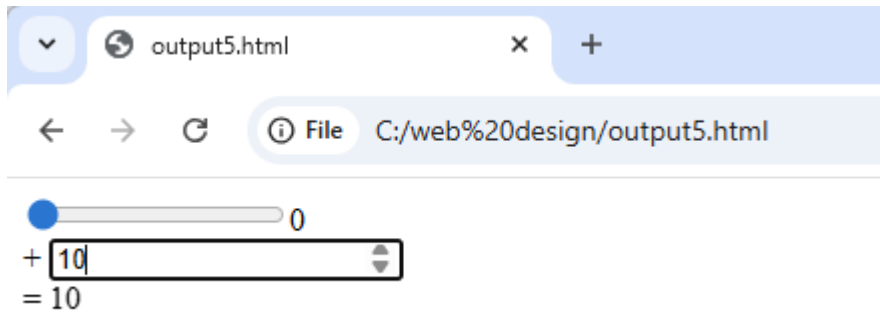
When click button “Simpan”, the form will not be submitted because the ‘Nama Bapa’ box is required. The browser will show a message “Please fill out this field.”



The screenshot shows the web browser window after the form has been submitted. The address bar now displays the file path with query parameters: "file:///C:/web design/inattribute5.html?namaPelajar=izani&namaBapa=Alya". The form fields are now populated: "Nama Pelajar:" contains "A" and "Nama Bapa:" contains "M Amen". The "Simpan" button is still visible.

It saves the name and it does autocomplete work.

3.6.3 HTML5 <output> element



Lab Exercise 3

```
C: > LAB SEM 3 > Web-Based Interface Design > lab 3 > lab3.html > html > body > div#content > form > div > input
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <meta charset="UTF-8">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7    <title>SweetCalc Bakery</title>
8  </head>
9
10 <body style="margin:0; padding:0; font-family:Arial;">
11
12   <!-- ===== -->
13   <!-- HEADER SECTION -->
14   <!-- ===== -->
15   <div id="header"
16     style="background-color: #FFB6C1; height:80px; color: white; text-align:center; line-height:80px; font-size:24px;">
17     <b>SweetCalc Bakery 🍰</b> – <i>Where Sweetness Meets Creativity</i>
18   </div>
19
20   <!-- ===== -->
21   <!-- CONTENT SECTION -->
22   <!-- ===== -->
23   <div id="content" style="background-color: #D8BFD8; min-height:45em; width:80%; margin:auto; padding:20px;">
24
25     <h2 align="center">Pre-Order Your Sweetness</h2>
26     <p align="center">Fill out the form below to place your sweet order!</p>
27
28     <!-- CONTACT FORM -->
29     <form action="">
30       Name:<input type="text" name="name" required>
31       <br>
32       Email:<input type="text" name="email" required>
33       <br>
34       Phone Number:<input type="text" name="phone" required>
35       <br>
36       Pickup Date:<input type="text" name="date" required>
37       <br>
38       Cake Type:
39       <select name="cakeType" required>
40         <option value="chocolate">Chocolate</option>
41         <option value="vanilla">Vanilla</option>
42         <option value="redVelvet">Red Velvet</option>
43         <option value="custom">Custom Design</option>
44       </select>
45
46       Cupcake Type:
47       <select name="cupcakeType" required>
48         <option value="chocolate">Chocolate</option>
49         <option value="vanilla">Vanilla</option>
50         <option value="redVelvet">Red Velvet</option>
51         <option value="custom">Custom Design</option>
52       </select>
53       <br>
```

```
46 Cupcake Type:
47 <select name="CupcakeType" required>
48   <option value="chocolate">Chocolate</option>
49   <option value="vanilla">Vanilla</option>
50   <option value="redVelvet">Red Velvet</option>
51   <option value="custom">Custom Design</option>
52 </select>
53 <br>
54 <label for="satisfaction">Level of Sweetness:</label>
55 <input type="range" id="satisfaction" name="satisfaction" min="0" max="10" value="5">
56 </form>
57
58
59
60 <form oninput="z.value=parseInt(x.value)||0)+parseInt(y.value)||0)">
61   <div> <h3>Order Quantity:</h3>
62   Cake:
63   <input id="x" type="number" value="0" required>
64   <br>
65   Cupcake:
66   <input id="y" type="number" value="0" required>
67   <br>Total Order=
68   <output name="z" for="x y"></output> pcs
69   <br><br>
70   <input type="submit" value="Submit Order">
71   <br>
72   Thank you for choosing SweetCalc Bakery! We look forward to making your sweet dreams come true.
73 </div>
74 </form>
75
```

```
76 <!-- FOOTER SECTION -->
77 <div id="footer" style="background-color: #235, 155, 188); padding:20px; clear:both; text-align:center;">
78 Contact us:
79 <a href="tel:+60123456789" style="color:white; text-decoration:none;">+60 12-345 6789</a> |
80 Email:
81 <a href="mailto:info@sweetcalc.com" style="color:white; text-decoration:none;">info@sweetcalc.com</a>
82 </p>
83 <p>
84 &copy; 2025 SweetCalc Bakery — All Rights Reserved
85 </div>
86 </div>
87 </body>
```

