



K4 CSF3123 WEB-BASED INTERFACE DESIGN

SEM 3

LAB REPORT 3

PREPARED FOR:

ASSOC. PROF. TS. DR. WAN NURAL JAWAHIR

LAB ASSISTANT:

MISS WAN FATIN FATIHAH

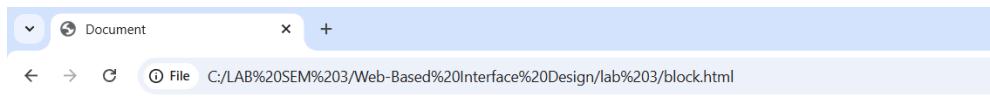
PREPARED BY:

WAN NUR SYAFIQAH IZANI BINTI WAN HIZHAN

NO. MATRIC: **S75776**

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

3.2 Block and Inline Elements



Block Elements

This is a block element

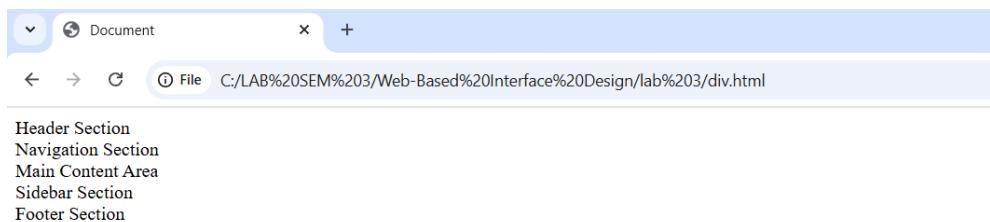
This is a paragraph (block element)

List item 1
List item 2
Item 3

Inline Elements

This is an inline element [This is a hyperlink \(inline element\)](#) **This text is strong (inline element)**

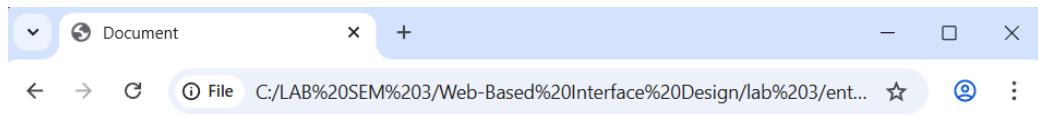
3.3 Using <div> to Organize Content



3.4 Understanding HTML Entities

```
17  <html>
18
19  <body>
20
21  This a sign '<' <body>
22
23  </html>
24
25
26  </body>
```

This a sign '<'

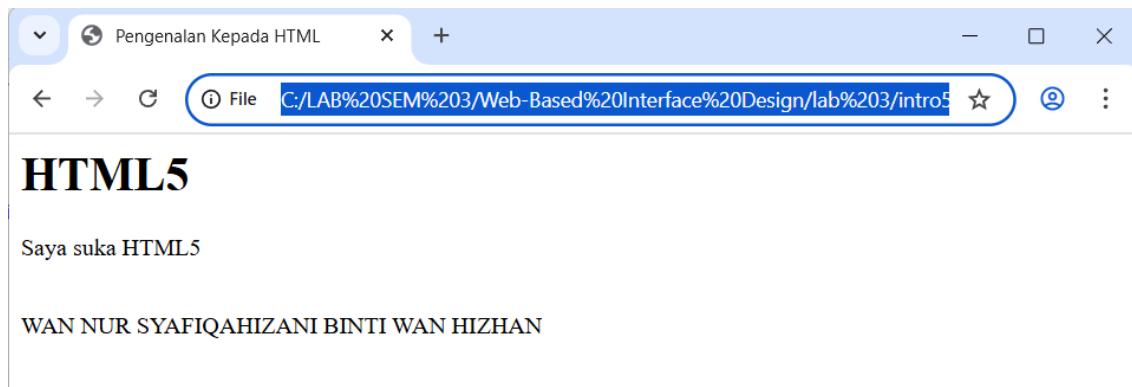


Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan >

Website ini adalah hakmilik SYAFIQAHIZANI ©

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

A screenshot of a web browser window titled "input5.html". The address bar shows the file path "C:/web%20design/input5.html". The page content includes:

- Pilih warna kegemaran anda:
- Carian:
- Tarikh:
- Masa:
- Bulan dan Tahun:
- Laman Web:
- Minggu:
- Email:
- Hantar

A screenshot of a web browser window titled "input5.html". The address bar shows the file path "C:/web%20design/input5.html". The page content includes:

- Pilih warna kegemaran anda:
- Carian:
- Tarikh:
- Masa:
- Bulan dan Tahun:
- Laman Web:
- Minggu:
- Email: ! Please enter a URL.
- Hantar

A screenshot of a web browser window titled "input5.html?warnapilihan=%23". The address bar shows the file path "C:/web%20design/input5.html?warnapilihan=%23df018e&carihan=pet+adoption&tarikh=2025-11-05&masa=10%3A37&bulandatahun=2025-11&lamanweb=https%3A%2F%2Fwww.google.com%2Fadlk%3Fsa%3DL%26ar%3DDChsSEwif1bOw_dmQAxJapGYCHRinOZc". The page content includes:

- Pilih warna kegemaran anda:
- Carian:
- Tarikh:
- Masa:
- Bulan dan Tahun:
- Laman Web:
- Minggu:
- Email:
- Hantar

An "Ask Google about this page" button is visible in the top right corner of the browser window.

3.6.2 Attributes for Input HTML5

The screenshot shows a web browser window with the title bar "inattribute5.html". The address bar displays the URL "C:/web%20design/inattribute5.html". The page content contains the following form:

Nama Pelajar:

Nama Bapa:

Simpan

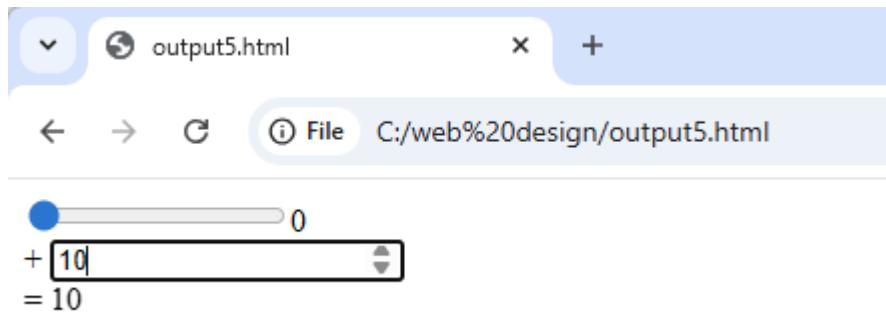
The screenshot shows the same web browser window with the same URL. The "Nama Pelajar" field now contains "Amen". A tooltip message "Please fill out this field." with an exclamation mark icon appears over the "Nama Bapa" field.

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 browser window with the URL "file:///C:/web%20design/inattribute5.html?namaPelajar=izani&namaBapa=Alya". The form fields now contain the values "izani" and "Alya" respectively, and the "Simpan" button is 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" style="background-color:#pink; height:80px; color:#white; text-align:center; line-height:80px; font-size:24px;">
16      <b>SweetCalc Bakery <img alt="SweetCalc Bakery logo" style="vertical-align:middle;"> <i>Where Sweetness Meets Creativity</i>
17    </div>
18
19
20    <!-- ===== -->
21    <!-- CONTENT SECTION -->
22    <!-- ===== -->
23    <div id="content" style="background-color:#lavenderblush; 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="name" name="name" required>
31        <br>
32        Email:<input type="email" name="email" required>
33        <br>
34        Phone Number:<input type="tel" name="phone" required>
35        <br>
36        Pickup Date:<input type="date" 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 |
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 |
74 |     </div>
75 | </form>

```

```

76 |     <!-- FOOTER SECTION -->
77 |     <div id="footer" style="background-color: #rgb(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 |         © 2025 SweetCalc Bakery — All Rights Reserved
85 |     </div>
86 | </body>
87 |

```

