



## **WEB-BASED INTERFACE DESIGN**

**(CSF3133)**

### **Lab Report 3**

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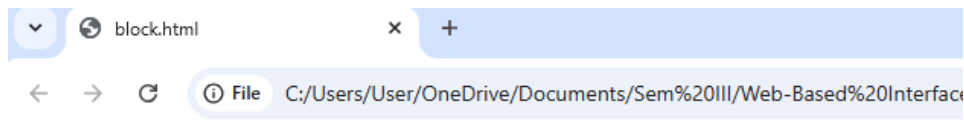
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Date : 5/11/2025

Group : K4

Programme : Computer Science (Software Engineering)

## 3.2 Block and Inline Elements



### Block Elements

This is a block element

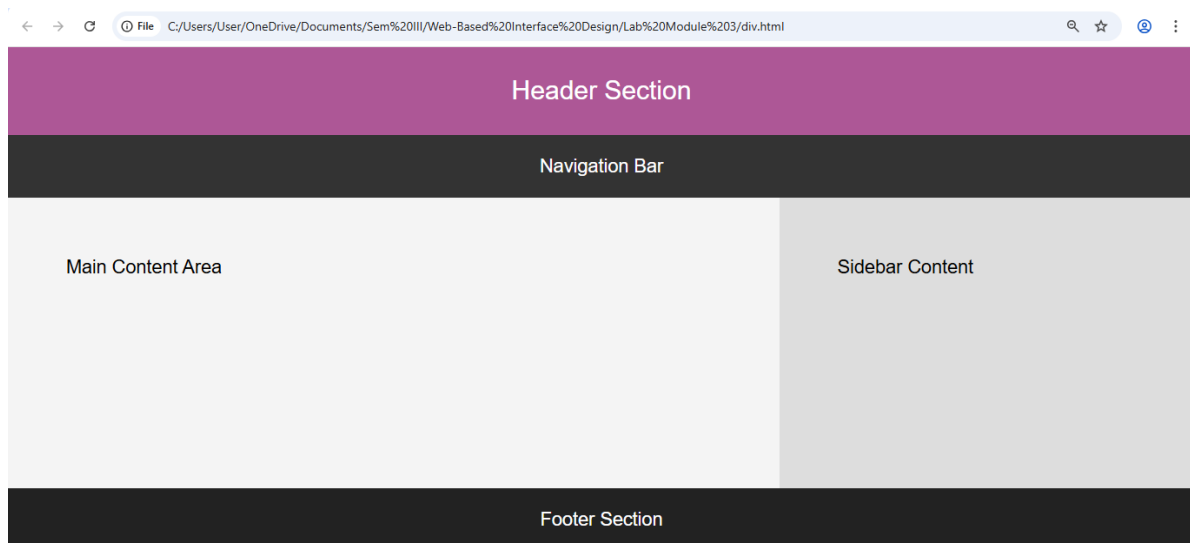
This is a paragraph (block element)

- List item 1
- List item 2

### Inline Elements

This is an inline element [This is a link \(inline element\)](#) **This is a bold text (inline element)**

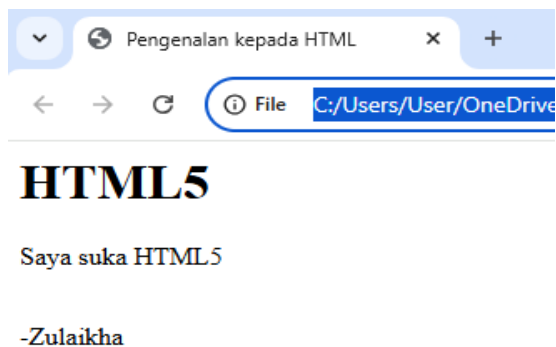
## 3.3 Using <div> to Organize Content



### 3.4 Understanding HTML Entities



### 3.5 Hypertext Mark Up Language 5 (HTML5)



Conclusion : There is an error occur when using the validator. The code does not follow the HTML5 standards. The correct declaration should be `<!DOCTYPE html>` instead of `<!DOCTYPE>` .

#### Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file intro5.html (checked with vnu 25.11.4)

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by   No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

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

## 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:

Please enter a URL.

### 3.6.2 Attributes for Input HTML5

Nama Pelajar:

Nama Bapa:

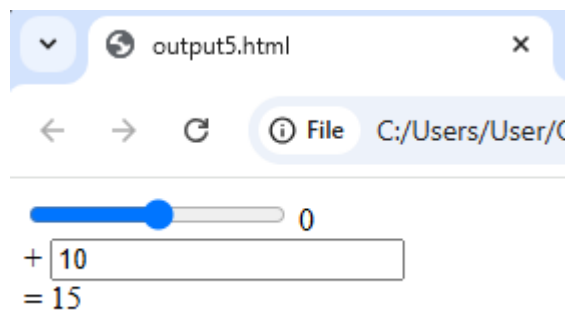
Please fill out this field.

Nama Pelajar:

Nama Bapa:

Please fill out this field.

### 3.6.3 HTML5 <output> element



### 3.7 Lab Exercise 3

Code :

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <title>Wedding Cake</title>
6      <style>
7          body {
8              margin: 0;
9              font-family: 'Segoe UI', sans-serif;
10             background: #fff8f0;
11             color: #333;
12         }
13
14         #header, #footer {
15             background-color: #c072a7;
16             color: white;
17             text-align: center;
18             padding: 30px 20px;
19         }
20
21         #header span {
```

```
22     display: block;
23     font-size: 16px;
24     margin-top: 5px;
25     font-style: italic;
26 }
27
28 #content {
29     padding: 30px 20px;
30     max-width: 800px;
31     margin: auto;
32     background: #fff;
33     box-shadow: 0 0 10px rgba(0,0,0,0.1);
34 }
35
36 h2 {
37     color: #4733f3;
38 }
```

```
39
40     form {
41         margin-bottom: 30px;
42     }
43
44     label {
45         display: block;
46         margin-top: 15px;
47         font-weight: bold;
48     }
49
50     input[type="email"],
51     input[type="date"],
52     input[type="range"],
53     input[type="number"] {
54         width: 100%;
55         padding: 10px;
56         margin-top: 5px;
```

```
57     border: 1px solid #ccc;
58     border-radius: 5px;
59 }
60
61     input[type="submit"] {
62         background-color: #486fcf;
63         color: white;
64         border: none;
65         padding: 12px 20px;
66         border-radius: 5px;
67         cursor: pointer;
68         margin-top: 20px;
69         transition: background 0.3s;
70     }
71
72     input[type="submit"]:hover {
```

```
73         background-color: #6980d3;
74     }
75
76     .calculator {
77         display: flex;
78         align-items: center;
79         gap: 10px;
80         margin-top: 20px;
81     }
82
83     output {
84         font-weight: bold;
85         font-size: 18px;
86         color: #5e69cc;
87         transition: all 0.3s ease;
88     }
89
```

```

90     #footer p {
91         margin: 5px 0;
92     }
93
94     @media (max-width: 600px) {
95         #content {
96             padding: 20px 10px;
97         }
98
99         .calculator {
100             flex-direction: column;
101             align-items: flex-start;
102         }
103     }
104 </style>
105 </head>
106 <body>
107

```

```

108 <!-- Header Section -->
109 <div id="header">
110     <h1>Wedding Cake</h1>
111     <span>"Wonderful wedding cake for a future wonderful little family!"</span>
112 </div>
113
114 <!-- Content Section -->
115 <div id="content">
116     <h2>Order Form</h2>
117     <form>
118         <label for="email">Email:</label>
119         <input type="email" id="email" name="email" required>
120
121         <label for="date">Delivaring Date:</label>
122         <input type="date" id="date" name="date">
123
124         <label for="kepuasan">Satisfaction Level (0-10):</label>
125         <input type="range" id="satisfaction" name="satisfaction" min="0" max="10">
126     </form>

```



```

127
128 <h2>Cake Total</h2>
129 <form class="calculator" oninput="total.value=(parseInt(cake1.value)||0)+(parseInt(cake2.value)||0)">
130   <label for="cake1">Belgium Chocolate Fountain Cake:</label>
131   <input id="cake1" type="number" value="0" placeholder="Belgium Chocolate Fountain Cake">
132
133   <label for="cake2">Strawberry Cheese Fountain Cake:</label>
134   <input id="cake2" type="number" value="0" placeholder="Strawberry Cheese Fountain Cake">
135
136   <label for="total">Total Cakes:</label>
137   <output id="total" for="cake1 cake2">0</output>
138   <br><br>
139   <input type="submit" value="Submit order">
140 </form>
141 </div>
142
143 <!-- Footer Section -->
144 <div id="footer">
145   <p>Contact us: weddingcake@order.com</p>
146   <p>&copy; 2025 Wedding Cake Enterprise</p>
147 </div>
148
149 </body>
150 </html>
151

```

Output :

**Wedding Cake**

*"Wonderful wedding cake for a future wonderful little family!"*

**Order Form**

Email:

Delivering Date:

Satisfaction Level (0-10):

**Cake Total**

Belgium Chocolate Fountain Cake:  + Strawberry Cheese Fountain Cake:  = 0

Contact us: weddingcake@order.com  
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