



CSF3133

WEB-BASED INTERFACE DESIGN

LAB REPORT 3

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PROGRAMME	COMPUTER SCIENCE (SOFTWARE ENGINEERING)

Objectives

1. Differentiating between block and inline elements.
2. Using <div> for better web page organization.
3. Applying HTML entities to display special characters.
4. Implementing various HTML5 form elements.
5. Utilizing the <output> element to display dynamic results.

Block and Inline Elements

Block Elements

This is a block element

This is paragraph (block element)

- List item 1
- List item 2

Inline Elements

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

Using <div> to Organize Content

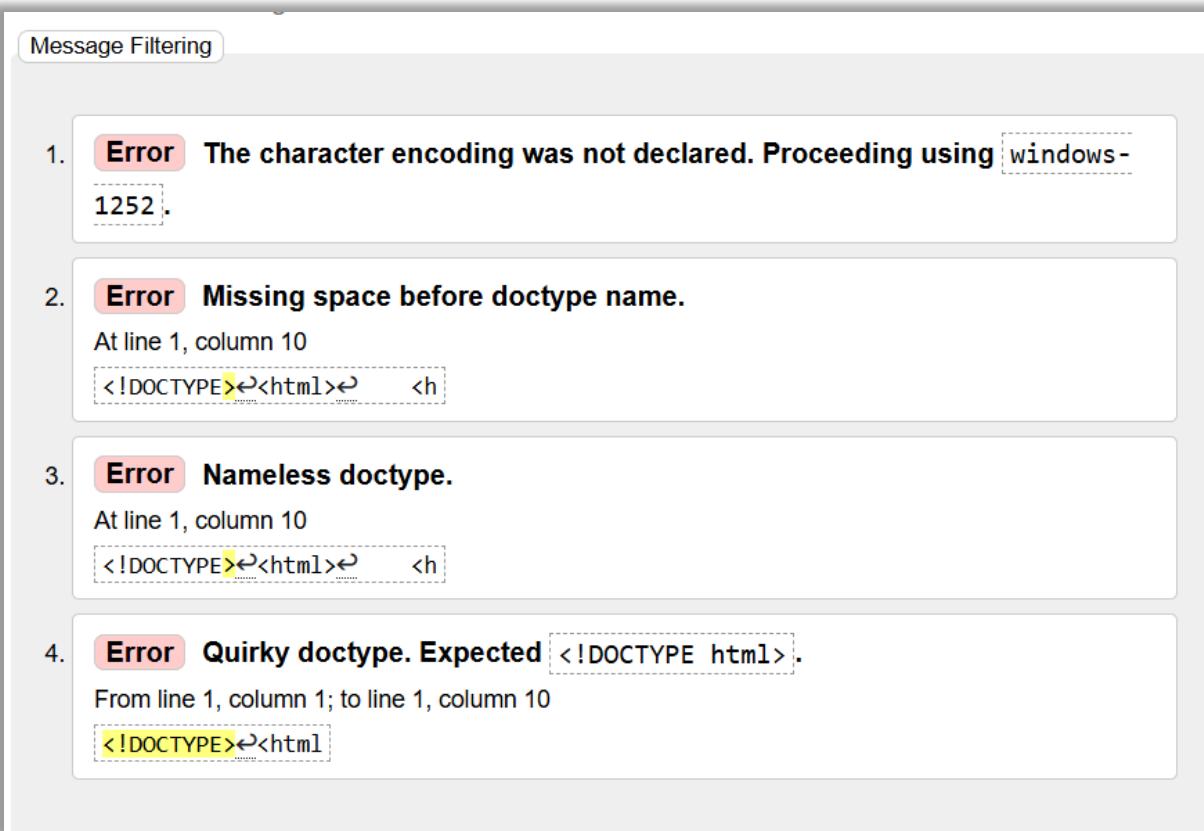


Understanding HTML Entities

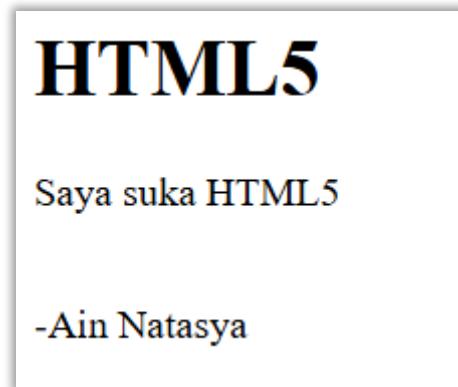
Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan >

Website ini adalah hakmilik NATASYA ©



Hypertext Mark Up Language (HTML5)



Form Elements in HTML5

Input Elements in HTML5

Pilih warna kegemaran anda:

Carian: aduh

Tarikh: 05 / 11 / 2025

Masa: 11 : 59 AM

Bulan dan Tahun: November , 2025

Laman web: urlsaya

Minggu: Wee

Email: my email ! Please enter a URL.

Hantar

Attributes for Input HTML5

Nama Pelajar: Amen

Nama Bapa: Masukkan nama bapa pelaj

Simpan

! Please fill out this field.

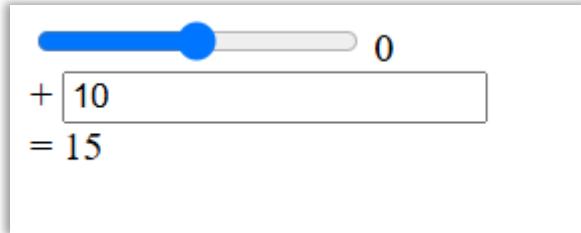
Nama Pelajar: A

Nama Bapa: Masukkan nama bapa pelaj

Simpan

! Please fill out this field.

HTML5 <output> element



Lab Exercise 3

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Webpage Title</title>
7
8 </head>
9 <body>
10     <div id="page-container">
11         <div id="header"></div>
12         <header>
13             <form style="background-color: #rgb(254, 130, 186);">
14                 <div style="color:#rgb(127, 4, 76)">
15                     <h1>Pretty Inside Out</h1>
16                 </div>
17
18                 <span style="font-style: italic;">Be pretty everyday</span><br>
19             </div>
20         </form>
21     </header>
22 </div>
23
24
25     <div id="content"></div>
26     <div class="contact-form">
27         <form style="background-color: #rgb(250, 189, 216);">
28             <h3>Contact Us</h3>
29             <form>
30                 <label for="email">Email:</label>
31                 <input type="email" id="email" name="email" required><br><br>
32
33                 <label for="contact-date">Preferred Contact Date:</label>
34                 <input type="date" id="contact-date" name="contact-date"><br><br>
35
36                 <label for="satisfaction">Satisfaction Level (0-100):</label>
37                 <input type="range" id="satisfaction" name="satisfaction" min="0" max="100" value="50">
```

```
38 |         <br><br>
39 |         Date: <input type="date" name="tarikh">
40 |         <br>
41 |         Time: <input type="time" name="masa">
42 |         <br>
43 |         Month and year: <input type="month" name="bulandantahun">
44 |         <br>
45 |         <input type="submit" value="Submit">
46 |
47 |     </div>
48 | </div>
49 | <br>
50 |
51 | <div class="calculator">
52 |     <form style="background-color: #rgb(250, 189, 216);">
53 |         <div style="color:#rgb(192, 24, 83)">
54 |             <h3>Calculator</h3>
55 |         </div>
56 |
57 |         <input type="number" id="num1" placeholder="Enter number 1" oninput="calculateSum()"> +
58 |         <input type="number" id="num2" placeholder="Enter number 2" oninput="calculateSum()"> =
59 |         <output name="result" for="num1 num2" id="sum-output">0</output>
60 |
61 |         <script>
62 |             function calculateSum() {
63 |                 const num1 = parseFloat(document.getElementById('num1').value) || 0;
64 |                 const num2 = parseFloat(document.getElementById('num2').value) || 0;
65 |                 const sum = num1 + num2;
66 |                 document.getElementById('sum-output').value = sum;
67 |             }
68 |         </script>
69 |     </form>
70 |
71 | </div>
72 | </div>
73 | <form style="background-color: #rgb(254, 130, 186);">
74 |     <div id="footer-section">
75 |         <footer>
76 |             <p>Contact Information: Natasya@cantik.com | Phone: 011-37492354</p>
77 |             <p>&copy; 2025 Nor Ain Natasya.</p>
78 |         </footer>
79 |     </div>
80 | </div> </body>
81 </html>
```

Pretty Inside Out

Be pretty everyday

Contact Us

Email:

Preferred Contact Date: dd/mm/yyyy

Satisfaction Level (0-100): 

Date: dd/mm/yyyy

Time: -- : -- --

Month and year: -----, -----

Calculator

Enter number 1 + Enter number 2 = 0

Contact Information: Natasya@cantik.com | Phone: 011-37492354

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