



WEB-BASED INTERFACE DESIGN

(CSF3133)

LAB REPORT 3

Name: Nur Farisha Batrisyia Binti Azman

Matric: S75523

Date: 5/11/2025

Group: K4

Program: Computer Science (Software Engineering)

Lecturer: Dr. Wan Nural

Lab Module 3

3.2 Block and Inline Elements

Block Element

This is a block element

This 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

Header Section
Navigation
Main Content Area
Sidebar Content
Footer Section

3.4 Understanding HTML Entities

Contoh Penggunaan Entiti HTML.

Tag html terdiri daripada simbol < dan >

Website ini adalah hakmilik NUR FARISHA BATRISYIA ©

3.5 Hypertext Mark Up Language 5 (HTML5)

HTML5

Saya suka HTML5

-NUR FARISHA BATRISYIA

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 **file upload** 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.

Message Filtering

- Error** Missing space before doctype name.
At line 1, column 10
`<!DOCTYPE>e<!--eClick nb`
- Error** Nameless doctype.
At line 1, column 10
`<!DOCTYPE>e<!--eClick nb`
- Error** Quirky doctype. Expected `<!DOCTYPE html>`.
From line 1, column 1; to line 1, column 10
`<!DOCTYPE>e<!--e`

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior rer change

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

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by **file upload** No file chosen

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

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 1 milliseconds.

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:

Laman Web:

Minggu:

Email:

! Please enter a URL.

Email:

! Please include an '@' in the email address. 'my email' is missing an '@'.

3.6.2 Attributes for Input HTML5

Nama Pelajar:

Nama Bapa:

Nama Pelajar:

Nama Bapa:

! Please fill in this field.

Nama Pelajar:

Nama Bapa:

Saved info

Amen

3.6.3 HTML5 <output> element

+

= 30

Lab Exercise 3

Java Coding

```
<!DOCTYPE html>
<!--
Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
Click nbfs://nbhost/SystemFileSystem/Templates/JSP\_Servlet/Html.html to edit this template
-->
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Contact Form with Inline Calculator</title>

</head>
<body>

  <!-- Header Section -->
  <div>
    <table border="1" width="100%" bgcolor="#b3d9ff">
      <tr>
        <td align="center">
          <h1>Student Information <span>- Universiti Malaysia Terengganu</span></h1>
        </td>
      </tr>
    </table>
  </div>

  <!-- Content Section -->
  <div>
    <table border="1" width="100%" bgcolor="#e6f2ff">
      <tr>
        <td>
          <h2>Student Form</h2>
          <form>
            <label for="name">Name:</label>
            <input type="text" id="name" name="name">
            <br>
            <label for="studentid">Student ID:</label>
            <input type="text" id="studentid" name="studentid">
            <br>
            <label for="email">Email:</label>
            <input type="email" id="email" name="email">
            <br>
            <label>Gender:</label>
            <input type="radio" name="gender" value="Male"> Male
            <input type="radio" name="gender" value="Female"> Female
            <br>
            <label for="major">Choose A Major:</label><br>
            <select id="major" name="major">
              <option value="SC">Science Computer</option>
              <option value="ACC">Account</option>
              <option value="FIN">Finance</option>
              <option value="MED">Medic</option>
            </select><br>
            <input type="submit" value="Submit">
          </form>
        </td>
      </tr>
    </table>
  </div>
</body>
</html>
```

```

<table border="1" width="100%" bgcolor="#ccf2ff">
  <tr>
    <td>
      <h2>Contact Form</h2>
      <form>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
        <br>
        <label for="date">Preferred Contact Date:</label>
        <input type="date" id="date" name="date">
        <br>
        <label for="satisfaction">Satisfaction Level:</label>
        <input type="range" id="satisfaction" name="satisfaction" min="0" max="10">

        <br><br>
        <input type="submit" value="Submit">
      </form>
    </td>
  </tr>
</table>

```

```

<!-- Inline Calculator -->
<div class="calculator">
  <table border="1" width="100%" bgcolor="#d9f2d9">
    <tr>
      <td>
        <h2>Inline Calculator</h2>
        <p>Enter two numbers to calculate the sum:</p>

        <input type="number" id="num1" oninput="calculateSum()" placeholder="Number 1">
        <input type="number" id="num2" oninput="calculateSum()" placeholder="Number 2">
        <br>
        <output id="result">0</output>
      </td>
    </tr>
  </table>
</div>
</div>

<!-- Footer Section -->
<div>
  <table border="1" width="100%" bgcolor="#b3d9ff">
    <tr>
      <td align="center">
        <footer>
          <p>Contact us at: info@example.com</p>
          <p>&copy; 2025 MyWebsite. All rights reserved.</p>
        </footer>
      </td>
    </tr>
  </table>
</div>

```

```
<script>
    function calculateSum() {
        let n1 = parseFloat(document.getElementById('num1').value) || 0;
        let n2 = parseFloat(document.getElementById('num2').value) || 0;
        document.getElementById('result').value = n1 + n2;
    }
</script>

</body>
</html>
```

Output

Student Information - Universiti Malaysia Terengganu

Student Form

Name:

Student ID:

Email:

Gender: ☐ Male ☐ Female


Choose A Major:

Science Computer ▾

Submit

Contact Form

Email:

Preferred Contact Date: 

Satisfaction Level:

Submit

Inline Calculator

Enter two numbers to calculate the sum:

0

Contact us at: info@example.com

© 2025 MyWebsite. All rights reserved.