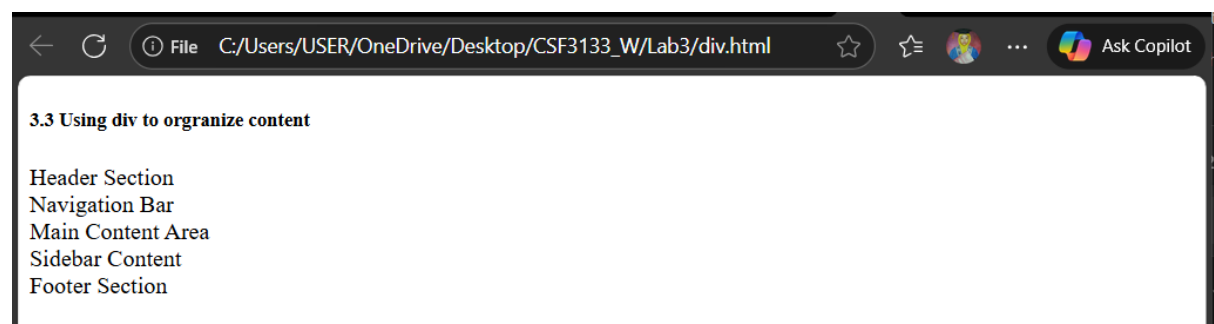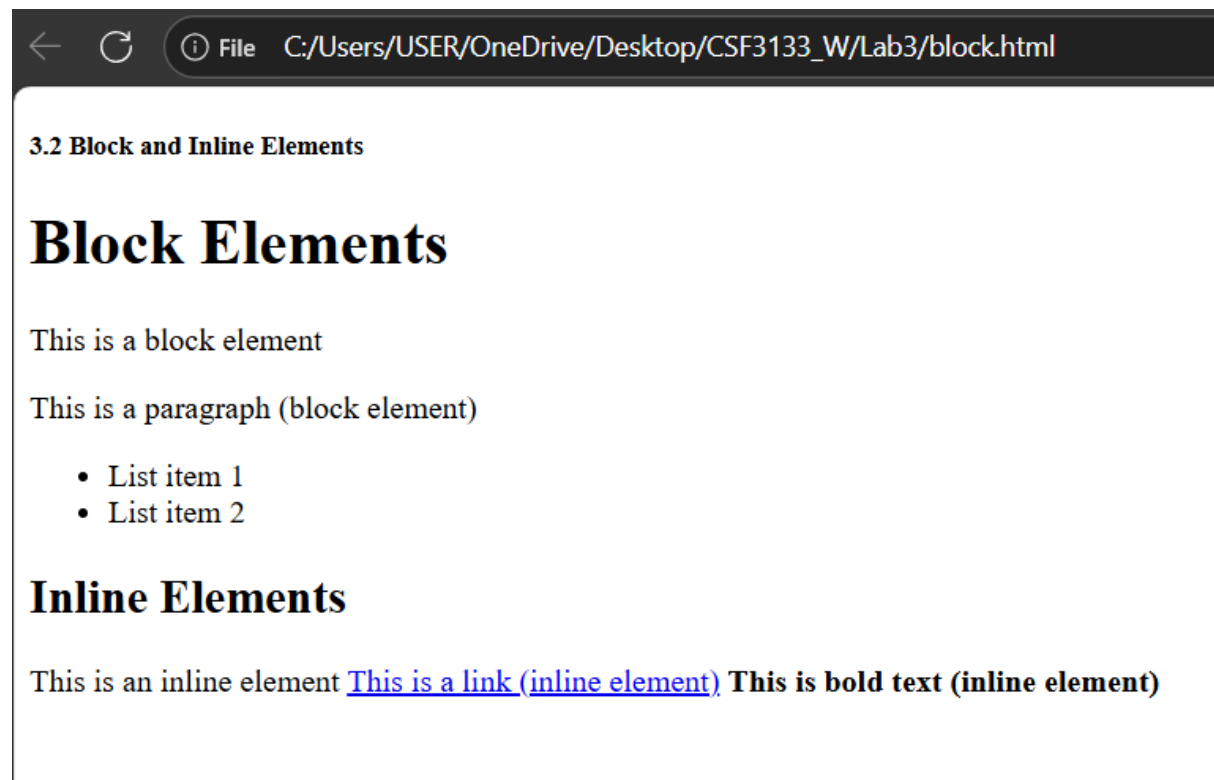CSF3133

WEB-BASED INTERFACE DESIGN

Lab Module 3

Name : NUR MAS QASRINA BINTI MAS JAYA

Matric Number : S74706

Date : 5 November 2025

Group : K4

Lecturer : WAN NURAL JAWAHIR HJ WAN YUSSOF

Lab Moderator : WAN FATIN FATIHAH BINTI YAHYA

Lab practice

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 bold text (inline element)**

3.3 Using div to orgranize content

Header Section
Navigation Bar
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 Qasrina ©

3.5 Hypertext Mark Up Language (HTML5)

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 [Options…]

Check by [file upload ▾] [Choose File] No file chosen

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

[Check]

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

[Message Filtering]

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 lang="e`

3. **Error** **Nameless doctype.**
   At line 1, column 10
   `<!DOCTYPE>↵<html lang="e`

4. **Error** **Quirky doctype. Expected** `<!DOCTYPE html>`.
   From line 1, column 1; to line 1, column 10
   `<!DOCTYPE>↵<html`

🔙 ↻ ⓘ File C:/Users/USER/OneDrive/Desktop/CSF3133_W/Lab3/intro5.html ☆ ⭐ 🦊 … 🔵 Ask Copilot

3.5 Hypertext Mark Up Languange (HTML5)

HTML5

Saya suka HTML5

-Qasrina

3.6 Form Elements in HTML5

3.6.1 Input element in HTML5

Pilih warna kegemaran anda: [red box]
Carian: Buku
Tarih: 05/11/2025 📅
Masa: 12:42 🕐
Bulan dan Tahun: November 2025 📅
Laman web: urlsaya
Minggu: Week...
❗ Please enter a URL.
Email: masqa...
Hantar

3.6.2 Attributes for Input HTML5

Nama Pelajar: Amen
Nama Bapa: Masukkan nama bapa pelaj
Simpan
❗ Please fill out this field.

Lab Exercise 3

Lab3.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>

</body>
</html>

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Contact and Calculator</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>

<body>

    <!-- using div on header -->
    <div id="header">
        <h1 style="background-color: #aaaaaa;">Smart Budget <span>-Simple Espense Calculator</span></h1>
    </div>

    <!-- using div -->
    <div id="content">
```

```html
        <!--using div on contact form -->
        <h2>Contact Form</h2>
        <form style="background-color:#f5f5f5;">
            <br>
            <table>
                <tr>
                    <td></td>
                    <td><label for="name">Name:
                    </label></td>
                    <td><input type="name" id="name" name="name"
                    placeholder="Enter your name" size="40" required></td>
                </tr>
                <tr>
                    <td></td>
                    <td><label for="name">Phone Number:
                    </label></td>
                    <td><input type="pnumber" id="pnumber" name="pnumber"
                    placeholder="Enter your phone number" size="" required></td>
                </tr>
                <tr>
                    <td></td>
                    <td><label for="email">Email: </label></td>
                    <td><input type="email" id="email" name="email" placeholder="Enter your email" required></td>
                </tr>
                <tr>
                    <td></td>
                    <td><label>Gender:</label></td>
                    <td><div class="radio-group">
                        <label for="male">Male <input type="radio" id="male" name="gender" value="male">
                        </label>

                        <label for="female">Female <input type="radio" id="female" name="gender" value="female">
                        </label>
                    </div></td>
                </tr>
```

```html
            <tr>
                <td></td>
                <td><label for="date">Preferred Contact Date:</label></td>
                <td><input type="date" id="date" name="date" required></td>
            </tr>
            <tr>
                <td></td>
                <td><label for="satisfaction">Satisfaction Level:</label></td>
                <td><input type="range" id="satisfaction" name="satisfaction" min="0" max="10"></td>
            </tr>

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

    <!--using div on calculator-->
    <div id="calculator">
        <table>
            <tr></tr>
        </table>
        <h2>Expense Calculator</h2>
        <p><i>Use this calculator to estimate your total expenses.</i></p>
        <label for="num1">Expense 1 (RM): </label>
        <input type="number" id="num1" oninput="calculateSum()" placeholder="e.g. 120">

        <label for="num2">Expense 1 (RM):</label>
        <input type="number" id="num2" oninput="calculateSum()" placeholder="e.g. 80">

        <p><Strong>Total:</Strong> RM <output id="result">0</output></p>
    </div>

</div>

<!-- footer -->
<div id="footer" style="background-color: #f1f2f6;">
    <center><p>Contact us at: info@example.com</p>
    <p>&copy; 2025 My Contact Page</p>
    </center>
</div>

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

</body>
</html>
```

Output

Smart Budget -Simple Espense Calculator

Contact Form

Name: Qasrina

Phone Number: 01111042174

Email: nmqasrina@gmail.com

Gender: Male ○ Female ◉

Preferred Contact Date: 05 / 11 / 2025

Satisfaction Level:

Submit

Expense Calculator

Use this calculator to estimate your total expenses.

Expense 1 (RM): 200   Expense 1 (RM): 60

Total: RM 260

Contact us at: info@example.com

© 2025 My Contact Page