WEB-BASED INTERFACE DESIGN

(CSF3133)

Lab Report 3

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Date: 5 November 2025

Group: K4

Programme: Bachelor of Computer Science (Software Engineering) With Honors

Course Lecture: Assoc.Prof.Ts.Dr.Wan Nural Jawahir

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3.2 Block and Inline Elements

Block Elements

This is a block element
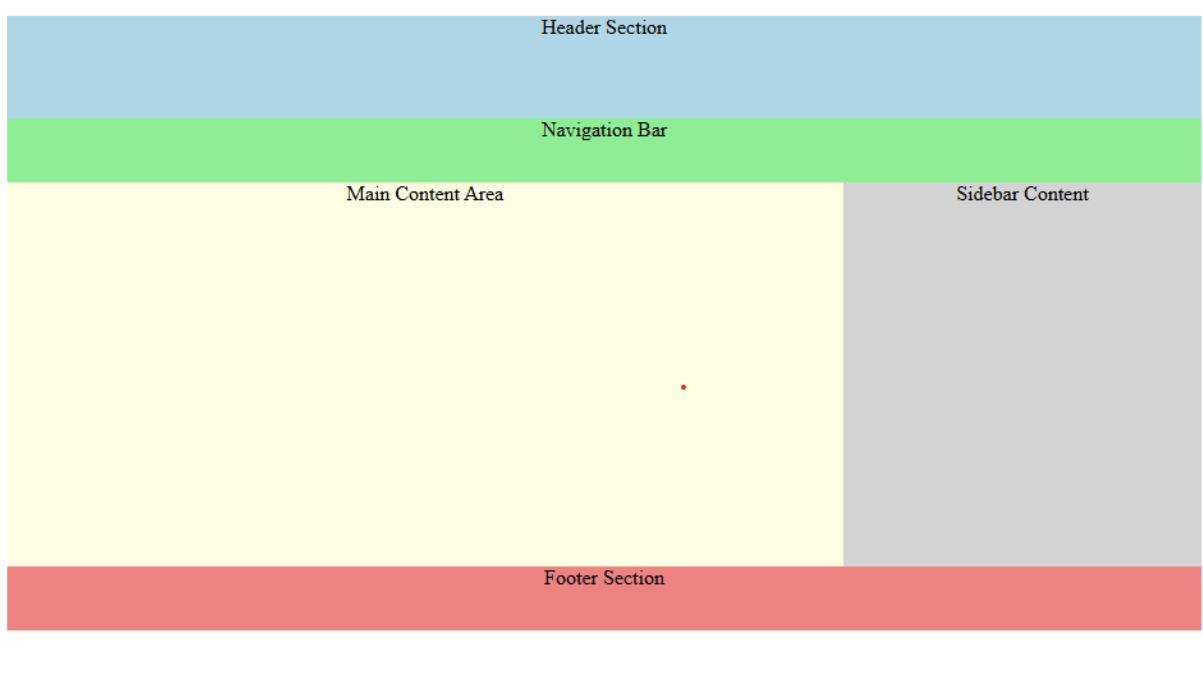
This is a paragraph (block element)

- 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

| 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 FATIN NURAIN ©

3.5 Hypertext Mark Up Language 5 (HTML5)

HTML5

Saya suka HTML5

Fatin Nurain binti Alham

Nu Html Checker

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

Showing results for 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]

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 1 milliseconds.

About this checker · Report an issue

3.6 Form Elements in HTML5

3.6.1 Input Elements in HTML5

Pilih warna kegemaran anda: [■]
Carian: [kasut]
Tarikh: [05/11/2025 📅]
Masa: [11:13 AM 🕐]
Bulan dan Tahun: [November, 2025 📅]
Laman Web: [urlsaya]
Minggu: [Week⋯]
❗ Please enter a URL.
Email: [my ema⋯]
[Hantar]

Pilih warna kegemaran anda: [■]
Carian: [kasut]
Tarikh: [05/11/2025 📅]
Masa: [11:13 AM 🕐]
Bulan dan Tahun: [November, 2025 📅]
Laman Web: [ ]
Minggu: [Week 45, 2025 📅]
Email: [my email]

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

3.6.2 Attributes for Input HTML5

Nama Pelajar: Amen

Nama Bapa: Masukkan nama bapa pelaja

Simpan

! Please fill out this field.

Nama Pelajar: A

Nama Bapa: Masukkan nama bapa pelaja

Simpan
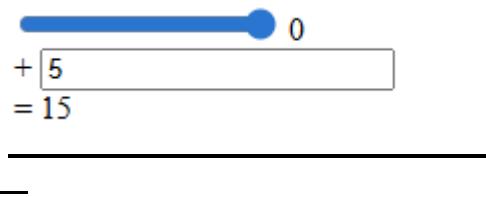
! Please fill out this field.

3.6.3 HTML5 \<output\> element

+ 5

= 15

3.7 Lab Exercise 3

Code:

```html
<!DOCTYPE html>
<html>
<head>
    <title>Lab 3 - Contact Form with Calculator</title>
    <style>
        body {
            font-family: Arial;
            margin: 30px;
            background-color: #f0f6ff; /* biru lembut background */
        }

        #header, #content, #footer {
            border: 2px solid #4a90e2; /* biru */
            padding: 20px;
            margin-bottom: 20px;
            border-radius: 8px;
            background-color: #ffffff;
        }

        h1 span {
            font-size: 16px;
            color: #4a90e2; /* slogan warna biru */
        }

        input, output {
            padding: 8px;
            border: 1px solid #4a90e2;
            border-radius: 5px;
            margin-top: 5px;
        }

        input[type="submit"] {
            background-color: #4a90e2;
            color: white;
            border: none;
            cursor: pointer;
        }

        input[type="submit"]:hover {
            background-color: #3576c9; /* warna hover */
        }

        #footer {
            text-align: center;
            font-size: 14px;
            background-color: #e5f1ff;
        }
    </style>
</head>
<body>

    <!-- Header Section -->
    <div id="header">
        <h1>My Contact Page <span>- We love to connect!</span></h1>
    </div>

    <!-- Content Section -->
    <div id="content">

        <!-- Contact Form -->
        <form>
            <label>Email:</label>
            <input type="email" name="useremail">
            <br><br>
```

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```html
        <label>Tarikh Pilihan:</label>
        <input type="date" name="tarikh">
        <br><br>

        <label>Level Kepuasan (0-10):</label>
        <input type="range" min="0" max="10" name="kepuasan">
        <br><br>

        <input type="submit" value="Hantar">
    </form>

    <hr>

    <!-- Inline Calculator -->
    <h3>Inline Calculator</h3>
    <div>
        <input type="number" id="num1" placeholder="Nombor 1">
        <input type="number" id="num2" placeholder="Nombor 2">
        =
        <output id="hasil"></output>
    </div>

    <script>
        const num1 = document.getElementById('num1');
        const num2 = document.getElementById('num2');
        const hasil = document.getElementById('hasil');

        function kira() {
            hasil.value = Number(num1.value) + Number(num2.value);
        }

        num1.addEventListener('input', kira);
        num2.addEventListener('input', kira);
    </script>

    </div>

    <!-- Footer Section -->
    <div id="footer">
        Hubungi kami di: fatnnrain@gmail.com <br>
        &copy; 2025 - Semua Hak Terpelihara
    </div>

</body>
</html>
```

Output:

My Contact Page - We love to connect!

Email: fatnnrain@gmail.com

Tarikh Pilihan: 08/11/2025

Level Kepuasan (0-10):

Hantar

Inline Calculator

4   4   = 8