



CSF3133: WEB-BASED INTERFACE DESIGN
LAB REPORT 3

NAME: NURFATIAH BINTI MANZUL

NO. MATRIC: S76273

PROGRAM: SOFTWARE ENGINEERING

LECTURER: DR WAN NURAL JAWAHIR

DATE: 5/11/2025

3.2 BLOCK AND INLINE ELEMENTS

Block Element

This is a block element


This is a paragraph (block element)

- List item 1
- List item 2

Inline Elements

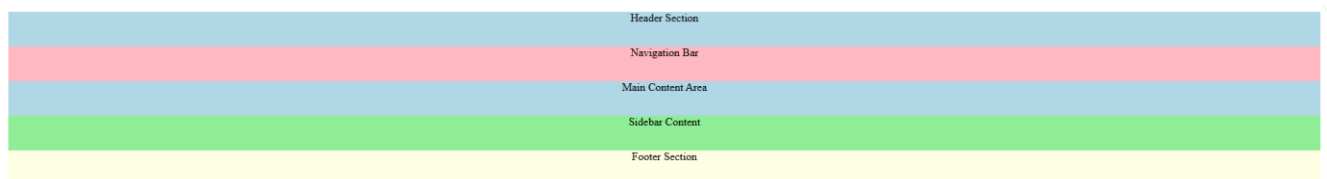
This is an inline element [This is a link \(inline element\)](#) **This is a bold text (inline element)**

3.3 USING <div> TO ORGANIZE CONTENT

1.  div
- 2.

Header Section
Navigation Bar
Main Content Area
Sidebar Content
Footer Section

- 3.



3.4 UNDERSTANDING HTML ENTITIES

Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan &#gt;

Website ini adalah hakmilik NAMAANDA ©

4. Other Examples:

Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan &#gt;

Website ini adalah hakmilik Fatimah £

Website ini adalah hakmilik Fatimah €

3.5 HYPERTEXT MARK UP LANGUAGE 5 (HTML5)

3.

HTML5

Saya suka HTML5

-Nama anda

5. This is the display after validating:

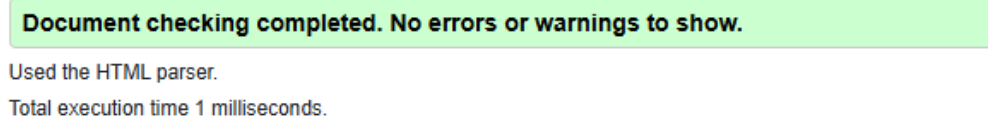


The screenshot shows three error messages from an HTML validator:

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

- My HTML5 does not comply with the requirements. This is because in the code, there are error for missing space before doctype name, error for nameless doctype and error for quirky doctype.

6. The code has been paste in the coding and after validating, there is no longer error:



The screenshot shows a green message box indicating successful validation:

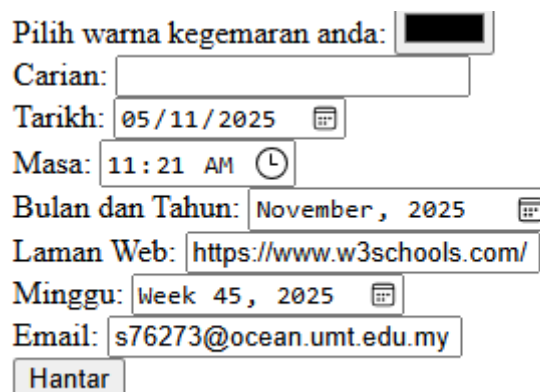
Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 1 milliseconds.

3.6 FORM ELEMENTS IN HTML5

3.6.1 INPUT ELEMENTS IN HTML5

3.



The screenshot shows a web form with the following elements:

- Pilih warna kegemaran anda:
- Carian:
- Tarikh:
- Masa:
- Bulan dan Tahun:
- Laman Web:
- Minggu:
- Email:
-

4. After clicking on the submit button, the whole form reset.

Pilih warna kegemaran anda:

Carian:

Tarikh:

Masa:

Bulan dan Tahun:

Laman Web:

Minggu:

Email:

3.6.2 ATTRIBUTES FOR INPUT HTML5

3.


Nama Pelajar:

Nama Bapa:

4.

Nama Pelajar:

Nama Bapa:

 Please fill out this field.

5. The autocomplete work:

Nama Pelajar:

Nama Bapa:

3.6.3 HTML<OUTPUT> ELEMENT

3.



3.7 LAB EXERCISE 3

The code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Interactive Contact Form with Inline Calculator</title>
</head>
<body style="font-family: Arial; background-color: lightpink; margin: 20px;"> <!-- this is where we can design our page -->

  <!-- this is the header section. where we can name our website-->
  <div style="text-align: center; margin-bottom: 30px;">
    <h1 style="color: darkblue;">MyKira<span style="font-size: 18px; color: gray;">- Let's Connect!</span></h1>
  </div>

  <!-- this is the content section. we can put our inline Calculator -->
  <div style="margin-bottom: 40px;">
    <h2 style="color: darkred;">Contact Form</h2>
    <form>
      <label>Email:</label><br>
      <input type="email" required><br><br>

      <label>Preferred Contact Date:</label><br>
      <input type="date" required><br><br>

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

      <button type="submit" style="background-color: darkblue; color: white; padding: 5px 15px; border: none; border-radius: 5px;">Submit</button>
    </form>

    <div style="margin-top: 40px;">
      <h2 style="color: darkred;">Inline Calculator</h2>
      <label>Number 1: </label>
      <input type="number" id="num1" value="0">
      <label>Number 2: </label>
      <input type="number" id="num2" value="0"><br><br>

      <strong>Sum:</strong> <output id="result" style="color: green;">0</output>
    </div>
  </div>

  <script>
    const num1 = document.getElementById("num1");
    const num2 = document.getElementById("num2");
    const result = document.getElementById("result");

    function updateSum() {
      result.value = Number(num1.value) + Number(num2.value);
    }

    num1.addEventListener("input", updateSum);
    num2.addEventListener("input", updateSum);
  </script>
</div>
</div>

  <!-- this is the footer section to put copyrights -->
  <div style="text-align: center; color: gray; border-top: 1px solid #ccc; padding-top: 10px;">
    <p>Contact us at: s76273@ocean.umn.edu.my</p>
    <p>&copy; 2025 My Website. All rights reserved.</p>
  </div>
</body>
</html>
```

The output:

MyKira

Let's Connect!

Contact Form

Email:

s76273@ocean.umt.edu.my

Preferred Contact Date:

05/11/2025

Satisfaction Level (0-10):

Submit

Inline Calculator

Number 1:

3

Number 2:

2

Sum:

5

Contact us at: s76273@ocean.umt.edu.my

© 2025 My Website. All rights reserved.