



**CSF3133: WEB-BASED INTERFACE DESIGN
LAB REPORT 3**

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PROGRAM: SOFTWARE ENGINEERING

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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

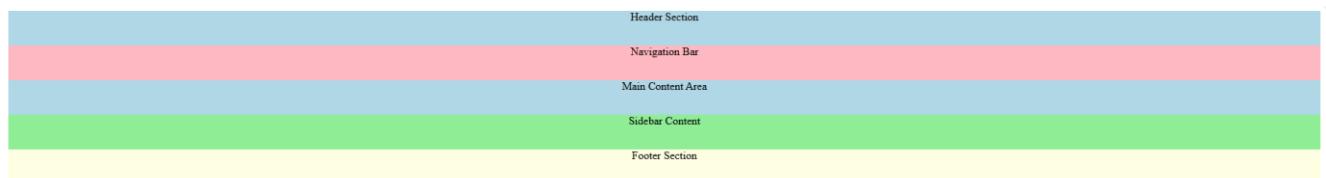
This is an inline element [This is a link \(inline element\)](#) **This is a bold text (inline element)**

3.3 USING <div> TO ORGANIZE CONTENT

1.  _____
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 >

Website ini adalah hakmilik NAMAANDA ©

4. Other Examples:

Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan >

Website ini adalah hakmilik Fatihah £

Website ini adalah hakmilik Fatihah €

3.5 HYPERTEXT MARK UP LANGUAGE 5 (HTML5)

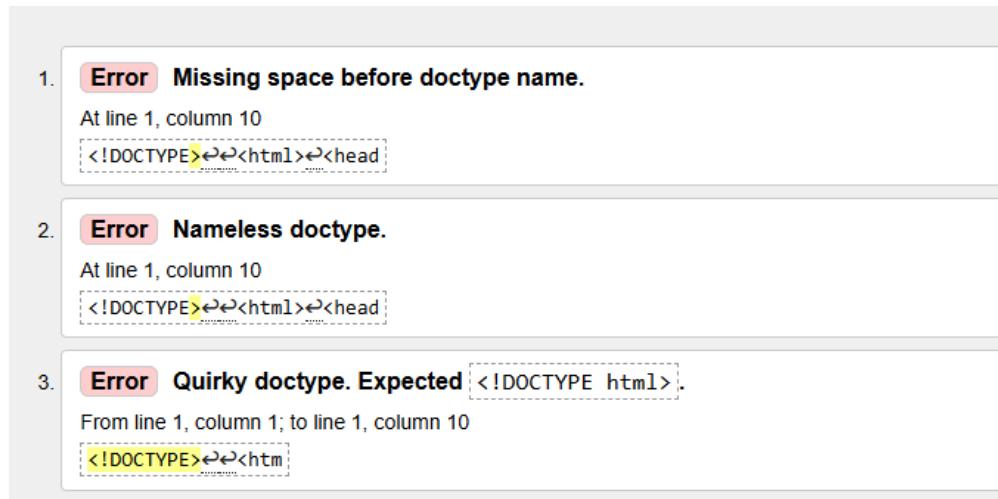
3.

HTML5

Saya suka HTML5

-Nama anda

5. This is the display after validating:



- 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:

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.

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: dd / mm / yyyy

Masa: -- : -- : --

Bulan dan Tahun: ----- , -----

Laman Web:

Minggu: Week -- , -----

Email:

3.6.2 ATTRIBUTES FOR INPUT HTML5

3.

Nama Pelajar:

Nama Bapa:

4.

Nama Pelajar:

Nama Bapa:

 Please fill out this field.

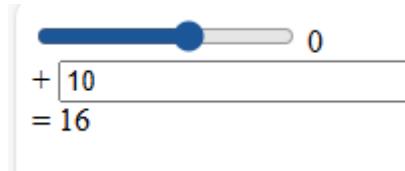
5. The autocomplete work:

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>
</body>
</html>
```

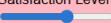
The output:

MyKira- Let's Connect!

Contact Form

Email:

Preferred Contact Date: 

Satisfaction Level (0–10): 

Inline Calculator

Number 1: Number 2:

Sum: 5

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