LAB MODULE 3 CSF3133 – Web-based Interface Design

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3.2 Block and Inline Elements

Output:

3.3 Using <div> to Organize Content

Output:

3.4 Understanding HTML Entities

Output:

Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan >

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Ini ialah tanda £ dan ini ialah tanda ¥

3.5 Hypertext Mark Up Language 5 (HTML5)

Error: Nameless Doctype

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>   <hea`

3. **Error** Nameless doctype.
   At line 1, column 10
   `<!DOCTYPE><html>   <hea`

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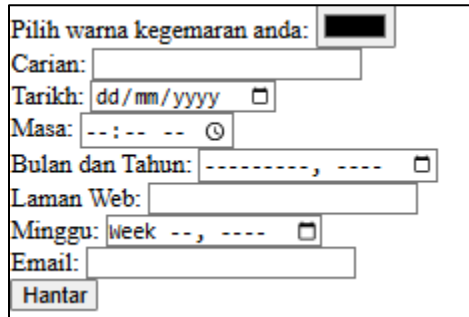   From line 1, column 1; to line 1, column 10
   `<!DOCTYPE><html`

Output after fix:

HTML5

Saya suka HTML5

-Wan Ariff

3.6 Form Elements in HTML5

3.6.1 Input Elements in HTML5

Output:

Pilih warna kegemaran anda: [▇]
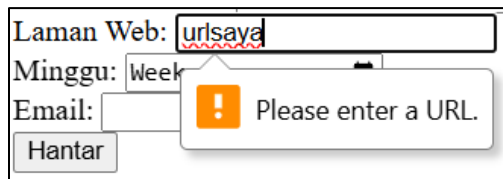Carian: [   ]
Tarikh: [dd/mm/yyyy   📅]
Masa: [--:-- -- 🕐]
Bulan dan Tahun: [--------, ---- 📅]
Laman Web: [   ]
Minggu: [Week --, ---- 📅]
Email: [   ]
[Hantar]

Website: urlsaya
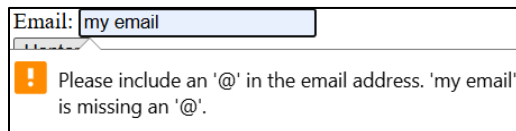
Laman Web: [urlsaya   ]
Minggu: [Week ...]
⚠ Please enter a URL.
Email: [   ]
[Hantar]
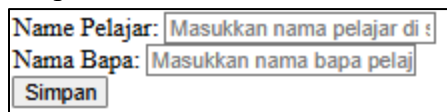
Email: my email

Email: [my email   ]
⚠ Please include an '@' in the email address. 'my email' is missing an '@'.

3.6.2 Attributes for Input HTML5

Output:
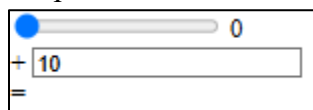
Name Pelajar: [Masukkan nama pelajar di s]
Nama Bapa: [Masukkan nama bapa pelaj]
[Simpan]

3.6.3 HTML5 <output> element

Output:

[●━━━━━━ 0]
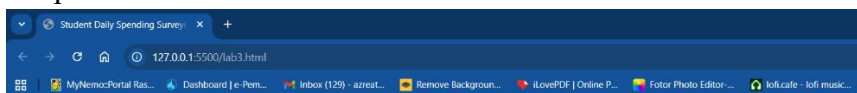+ [10   ]
=

3.7 Lab Exercise 3

Source Code:

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Student Daily Spending Survey(with Calculator)</title>
  </head>
  <body>
    <!-- Header Section -->
    <div id="header" style="background-color: aquamarine;height: 150px;text-align: center;line-height: 65px;">
      <h1>Student Daily Spending Survey (with Calculator)</h1>
      <span><strong>My wallet is like an onion,</span>
      <em>opening it make me cry</strong></em>
    </div>
    <!-- Content Section -->
    <div id="content" style="background-color: burlywood;float:left;width: 100%;text-align: center;height: 500px;line-height: 29px;">
      <h2>Survey:</h2>
      <form action="">
        <label for="name">Name:</label>
        <input type="name" id="name" placeholder="Please enter your name" required>
        <br><br>
        <label for="email">Email Address:</label>
        <input type="email" id="email" placeholder="Please enter your email" required>
        <br><br>
        <label for="number">Daily Spending:</label>
        <input type="number" id="number" placeholder="Please enter your daily spending" required>
        <br><br>
        <label for="date">Survey Answered Date:</label>
        <input type="date" id="date" required>
        <br><br>
        <label for="satisfaction">Survey Satisfaction Level:</label>
        1 <input type="range" id="satisfaction" min="0" max="10" value="0"> 10
        <br><br>
        <input type="submit" value="Submit">
      </form>
      <!-- Inline Calculator -->
      <div id="calculator" style="background-color: violet;height: 100px; line-height: 40px;">
        <h2>Inline Calculator:</h2>
        <form oninput="result.value=parseInt(n1.value)+parseInt(n2.value)">
          <input type="number" id="n1" value="0"> +
          <input type="number" id="n2" value="0"> =
          <output name="result" for="n1 n2"> 0 </output>
        </form>
      </div>
    </div>
    <!-- Footer Section -->
    <div id="footer" style="clear: left;background-color: lightgray;text-align: center;font-style: italic;height: 30px;line-height: 30px;">
      Email me at arepwan@gmail.com || Wan Ariff Daily Spending Survey Website&copy;
    </div>
  </body>
</html>
```

Output: