



BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINNERING) WITH HONOUR

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CSF3133 WEB APPLICATION DEVELOPMENT SYSTEM

LAB EXERCISE 3

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LAB MODULE ACTIVITY 3

(BLOCK AND INLINE ELEMENTS)

```
<h1>Block Elements</h1>
<div>This is a block element</div>
<p>This is a paragraph (block element)</p>
<ul>
    <li>List item 1</li>
    <li>List item 2</li>
</ul>
```

```
<h2>Inline Elements</h2>
<span>This is an inline element</span>
<a href="#">This is a link (inline element)</a>
<strong>This is bold text (inline element)</strong>
```

OUTPUT

Block Elements

This is a element

This is a paragraph (block element)

- List item
- List item

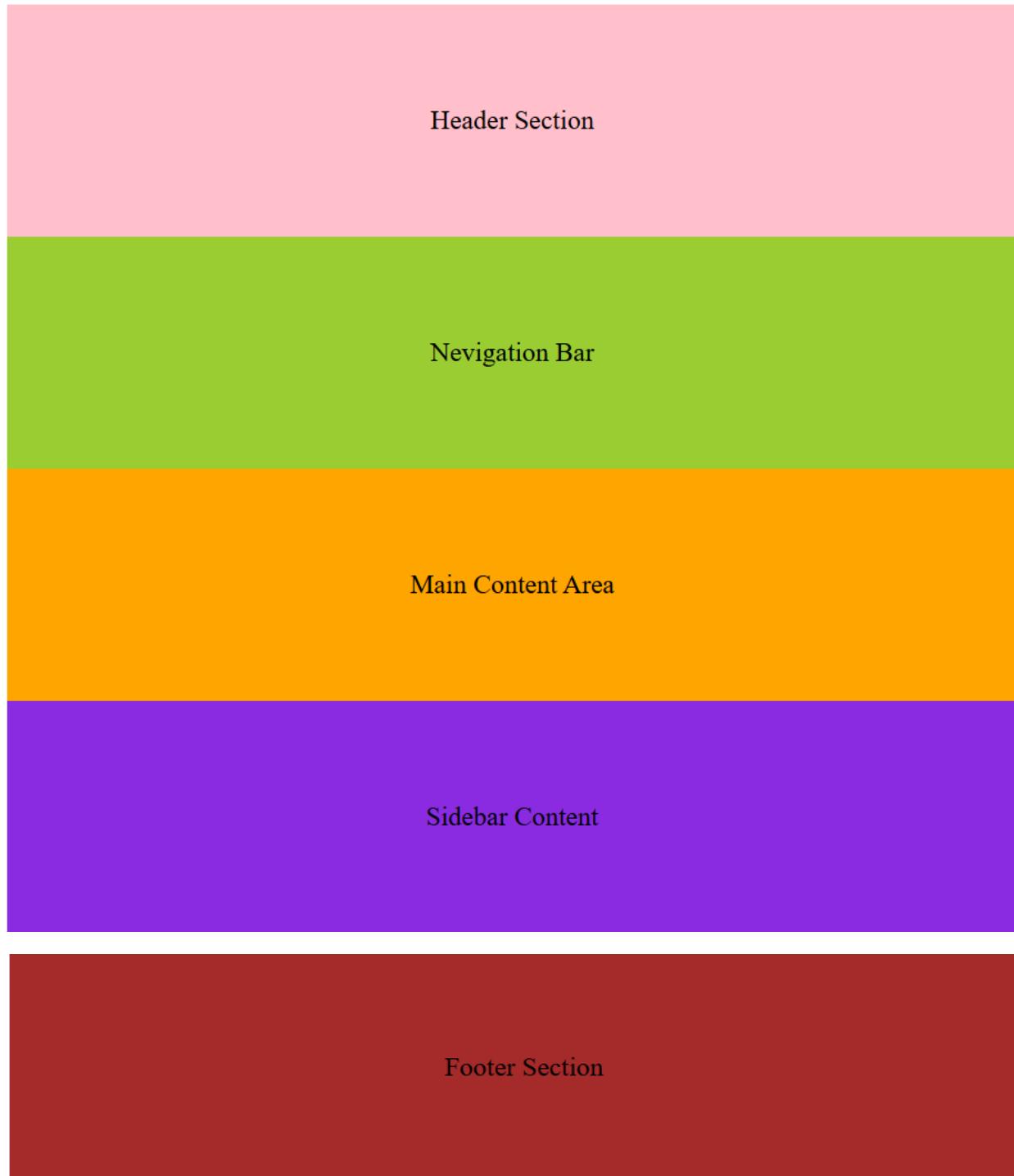
Inline Elements

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

USING <DIV> TO ORGANISE CONTENT

```
<div id="header">Header Section</div>
<div id="nav">Navigation Bar</div>
<div id="content">Main Content Area</div>
<div id="sidebar">Sidebar Content</div>
<div id="footer">Footer Section</div>
```

OUTPUT



This is a sign: <

UNDERSTANDING HTML ENTITIES

```
<html>
<body>
    <h1> Contoh Penggunaan Entiti HTML </h1>
    <p>
        <!-- Entiti menggunakan nama -->
        Tag html terdiri daripada simbol &lt; dan &gt;;
    </p>
    <hr>
        <!-- Entiti menggunakan nombor -->
        Website ini adalah hakmilik NAMAANDA &#169;
    </hr>
</body>
</html>
```

Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan >

Website ini adalah hakmilik ieyman ©

HYPertext MARK UP LANGUAGE 5 (HTML5)

INTRO5.HTML

```
<!DOCTYPE>
<html>
    <head>
        <title> Pengenalan Kepada HTML</title>
    </head>
    <body>
        <h1> HTML5 </h1>
        <p> Saya suka HTML5 </p>
        <br>

        -Nama Anda
    </body>
</html>
```

If no have HTML

1. **Error** The character encoding was not declared. Proceeding using windows -1252.

2. **Error** Element `head` is missing a required instance of child element `title`.

From line 2, column 7; to line 3, column 6

```
m1><html><body><form>
```

Content model for element `head`:

If the document is [an iframe srcdoc document](#) or if title information is available from a higher-level protocol: Zero or more elements of [metadata content](#), of which no more than one is a [title](#) element and no more than one is a [base](#) element.

Otherwise: One or more elements of [metadata content](#), of which exactly one is a [title](#) element and no more than one is a [base](#) element.

3. **Error** Bad value for attribute `action` on element `form`: Must be non-empty.

From line 4, column 1; to line 4, column 16

```
><body><form action=""><Pilih>
```

If has HTML

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 2 milliseconds.

FORM ELEMENTS IN HTML 5

INPUT ELEMENTS FOR HTML 5

INPUT5

```

<!DOCTYPE html>
<html>
<body>
<form action="">
Pilih warna kegemaran anda: <input type="color"
name="warnapilihan">
<br>
Carian: <input type="search" name="carian">
<br>
Tarikh: <input type="date" name="tarikh">
<br>
Masa: <input type="time" name="masa">
<br>
Bulan dan Tahun: <input type="month"
name="bulandantahun">
<br>
Laman Web: <input type="url" name="lamanweb">
<br>
Minggu: <input type="week" name="minggu">
<br>
Email: <input type="email" name="useremail">
<br>
<input type="submit" value="Hantar">
</form>
</body>
</html>

```

OUTPUT

Pilih warna kegemaran anda:

Carian:

Tarikh: 

Masa: 

Bulan dan Tahun: 

Laman Web: urlsaya

Minggu: 

Email:  Please enter a URL.

IN ATTRIBUTE 5.HTML

```
<!DOCTYPE html>
<html>
<body>
    <form action="">
        Nama Pelajar: <input type="text" name="namaPelajar"
        placeholder="Masukkan nama pelajar di sini."
        autofocus autocomplete>
        <br>
        Nama Bapa: <input type="text" name="namaBapa"
        placeholder="Masukkan nama bapa pelajar di sini."
        required>
        <br>
        <input type="submit" value="Simpan">
    </form>
</body>
</html>
```

OUTPUT

Nama Pelajar: Amen

Nama Bapa: Masukkan nama bapa pelaj

Simpan

! Please fill out this field.

Nama Pelajar: A

Nama Bapa: Masukkan nama bapa pelaj

Simpan

! Please fill out this field.

OUTPUT ELEMENT

Output5.html

```
<!DOCTYPE html>
<html>
<body>
<form oninput="z.value=parseInt(x.value)+
parseInt(y.value)">
<input id="x" type="range" min="0" max="10" step="1"
value="0"> 0 <br> +
<input id="y" type="number" value="10">
<br>=
<output name="z" for="x y"></output>
</form>
</body>
</html>
```

OUTPUT

A screenshot of a web browser showing a simple calculator application. It features a horizontal slider labeled '0' at its right end. Below it is a text input field containing '10'. Underneath the input field is the result '14'.

LAB EXERCISE 3

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Contact & Calculator Page</title>
<style>
body {
    font-family: Arial, sans-serif;
    margin: 20px;
    background-color: #f7f7f7;
}
header {
    background-color: pink;
    text-align: center;
    padding: 50px;
    border-radius: 8px;
    box-shadow: 0 0 5px rgba(0,0,0,0.1);
}
header h1 {
    color: #333;
}
.content {
    display: flex;
    gap: 20px;
    flex-wrap: wrap;
    margin-top: 20px;
}
```

```

form, .calculator {
  flex: 1;
  min-width: 280px;
  background-color: #fff;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 0 5px rgba(0,0,0,0.1);
}
footer {
  text-align: center;
  font-size: 0.9em;
  color: #555;
  margin-top: 30px;
}
label {
  display: block;
  margin-top: 10px;
  font-weight: bold;
}
input, output {
  margin-top: 5px;
  display: block;
  width: 100%;
  padding: 5px;
  box-sizing: border-box;
}
input[type="submit"] {
  background-color: pink;
  border: none;
  cursor: pointer;
  font-weight: bold;
  border-radius: 5px;
  margin-top: 15px;
  padding: 10px;
}
input[type="submit"]:hover {
  background-color: hotpink;
  color: white;
}
</style>
</head>

] <body>

<!-- Header -->

] <header>
  <h1>My Awesome Webpage <span style="font-size: 0.6em; color: blueviolet;">- Connecting You Better!</span></h1>
</header>
</>

<!-- Content -->
] <div class="content">

  <!-- Contact Form -->
  <form>

```

```

<h2>Contact Us</h2>
<label for="fname">First Name:</label>
<input type="text" id="fname" name="fname" placeholder="Your first name" required>

<label for="lname">Last Name:</label>
<input type="text" id="lname" name="lname" placeholder="Your last name" required>

<label for="email">Email:</label>
<input type="email" id="email" name="email" placeholder="you@example.com" required>

<label for="date">Preferred Contact Date:</label>
<input type="date" id="date" name="date">

<label for="satisfaction">Satisfaction Level:</label>
<input type="range" id="satisfaction" name="satisfaction" min="0" max="10">

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

[ ] <!-- Calculator (HTML only, no script) -->
[ ] <div class="calculator" style="background-color: #ccffcc;">
[ ]   <h2 style="text-align:center;">Simple Calculator</h2>
[ ]   <form oninput="sum.value=parseFloat(num1.value)+parseFloat(num2.value)">
[ ]     <label for="num1">Number 1:</label>
[ ]     <input type="number" id="num1" name="num1" value="0">

[ ]     <label for="num2">Number 2:</label>
[ ]     <input type="number" id="num2" name="num2" value="0">

[ ]     <input type="button" value="Sum" onclick="sum.value=parseFloat(num1.value)+parseFloat(num2.value)">
[ ]   </form>
[ ] </div>

</div>

<!-- Footer -->
<div style="background-color: grey; text-align: center;">
<footer>
  <p>Contact us at <a href="mailto:iemayan@umt.edu.com">iemayan@umt.edu.com</a> | © 2025 My Awesome Webpage</p>
</footer>
</div>

</body>
</html>

```

OUTPUT

The screenshot shows a web page with a pink header bar containing the text "My Awesome Webpage - Connecting You Better!". Below the header, there are two main content areas.

Contact Us (Left Side):

- First Name:** A text input field with placeholder "Your first name".
- Last Name:** A text input field with placeholder "Your last name".
- Email:** An email input field with placeholder "you@example.com".
- Preferred Contact Date:** A date input field with placeholder "dd/mm/yyyy".
- Satisfaction Level:** A range input slider with a minimum value of 0 and a maximum value of 10.
- Submit:** A pink rectangular button labeled "Submit".

Simple Calculator (Right Side):

- Number 1:** A text input field containing "0".
- Number 2:** A text input field containing "0".
- Sum:** A text input field containing "0".

At the bottom of the page, there is a dark grey footer bar with the text "Contact us at iemayan@umt.edu.com | © 2025 My Awesome Webpage".