



BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINNERING) WITH HONOUR

SEMESTER III 2025/2026

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

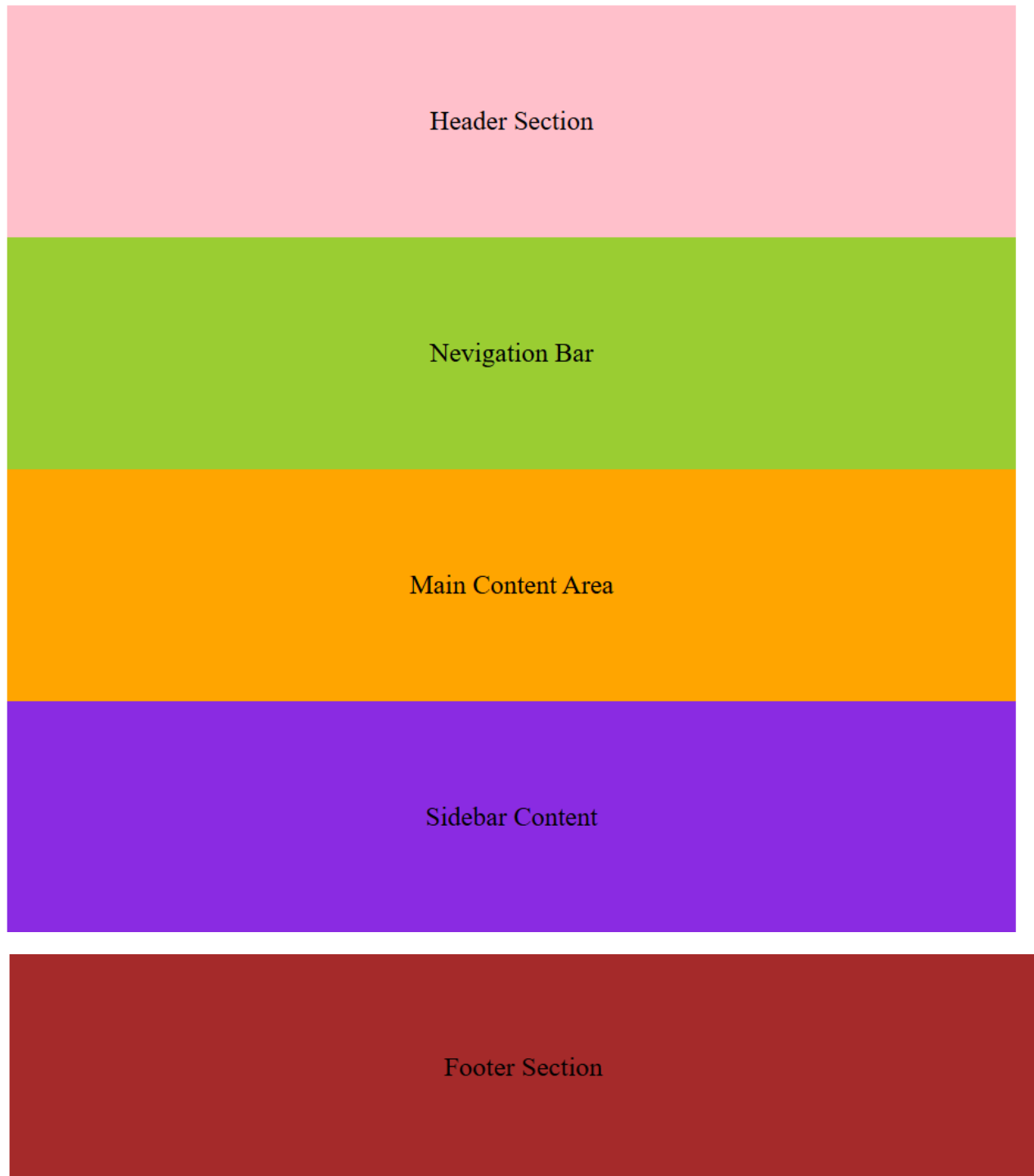
Inline Elements

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

```
1><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:

Minggu:

Email:  Please enter a URL.


INATTRIBUTE 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:

Nama Bapa:

 Please fill out this field.

Nama Pelajar:

Nama Bapa:

 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

0

+ 10

= 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" id="sum" name="sum" value="Sum" value="0">

<p>Sum: <output name="sum" for="num1 num2">0</output></p>
</form>
</div>

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

</body>
</html>
```

OUTPUT

