



Reka Bentuk Antara Muka Berasaskan Web
(CSF3133)

LAB REPORT 3

NAME: CHIA FU YAN

MATRIC: S75039

DATE: 5/11/2024

GROUP: K4

PROGRAM: Computer Science (Software Engineering)

LECTURER: Miss Wan Fatin

3.2 Block and Inline Elements

Block Elements

This is a block element

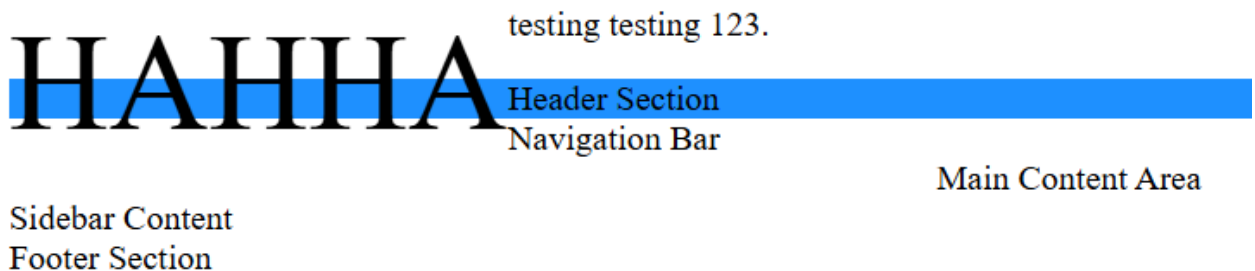
This is a paragraph (block element)

- List item 1
- List item 2

Inline Elements

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

3.3 using <div> to Organize Content



3.4 Understanding HTML Entities

Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol `<` dan `>` dan ♥ ♠ ♣ ♦

Website ini adalah hakmilik NAMAANDA ©

3.5 Hypertext Mark Up Language 5 (HTML5)

Step 3

HTML5

Saya suka HTML5

-Nama Anda

Step 5

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change.

Showing results for uploaded file **intro5.html** (checked with vnu 25.11.4)

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by [file upload](#) [Browse...](#) No file selected.

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

[Message Filtering](#)

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><head`

3. **Error** Nameless doctype.

At line 1, column 10

`<!DOCTYPE><html><head`

4. **Error** Quirky doctype. Expected `<!DOCTYPE html>`.

From line 1, column 1; to line 1, column 10

`<!DOCTYPE><html`

Document checking completed.

Used the HTML parser.

Total execution time 2 milliseconds.

Step 7

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file intro5.html (checked with vnu 25.11.4)

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by [file upload](#) [Browse...](#) No file selected.

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

[Message Filtering](#)

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

Document checking completed.

Used the HTML parser.

Total execution time 2 milliseconds.

[About this checker](#) • [Report an issue](#)

In conclusion, from step 5 I found that 3 errors appeared, and my HTML5 file does not comply with the requirement because the doctype in my file is nameless.


3.6 Form Elements in HTML5


3.6.1 Input Elements in HTML5


Step 3

Pilih warna kegemaran anda:


Carian:

Tarikh: 

Masa: 

Bulan dan Tahun: 

Laman web:


Minggu: 


Email:


Step 4

Pilih warna kegemaran anda:


Carian:


Tarikh: 

Masa: 

Bulan dan Tahun: 

Laman web:

Minggu: 

Email:  Please enter a URL.

3.6.2 Attributes for Input HTML5

Step 3


Nama Pelajar:

Nama Bapa:

Step 4


Nama Pelajar:

Nama Bapa:

 Please fill out this field.

The warning occurs because the field is empty.

Step 5

 Import bookmarks...

Nama Pelajar:

Nama Bapa:

The history content has occurred with a drop-down list. The autocomplete function works.

3.6.3 HTML5 <output> element



+ 10
= 16

3.7 Lab Exercise 3

Source Code

```
Lab Report 3 > lab3.html > html > body > header
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Lab 3</title>
7  </head>
8  <body style="background-color: rgba(78, 169, 199, 0.353);">
9  <header>
10
11      <h1 id="header" style="background-color: burlywood; text-align:center;"
12      >Booking System</h1>
13      <div>
14          <h1><span>Time to </span>
15          <strong style="color: darkblue;">book your journey~</strong></h1>
16      </div>
17  </header>
18      <nav style="background-color: rgb(255, 255, 255); text-align:center;"
19      >
20          <a style="font-size: 20px;" href="#home">Home</a> |
21          <a style="font-size: 20px;" href="#about">About</a> |
22          <a style="font-size: 20px;" href="#contact">Contact</a>
23      </nav>
24      <div id="content" style="text-align:center; background-color: rgb(230, 136, 5);">
25          <h2 > &lt; &spades; Main Content Area &#9824; &gt; </h2>
26          <p><strong>Please enter require information for booking process</strong></p>
27
28          <form action="">
29              Email: <input type="email" name="useremail">
30              <br>
31              <br>
32              Date: <input type="date" name="date">
33              <br><br>
34              <label for="x">Your Satisfaction(0-10):</label>
35              <input id="x" type="range" min="0" max="10" step="1"
36              value="0" oninput="result.value=x.value"> 10 <br>
37              = <output name="result" for="x"></output>
```

```
38         <br><br>
39         <input type="submit" value="Submit">
40     </form>
41 </div>
42
43 <div id="calculator" style="text-align:center; background-color: #000080; margin-top:20px;">
44     <h3>Calculator</h3>
45     <form oninput="z.value=Number(x.value)+Number(y.value)">
46         <strong>Insert value X:</strong><input id="x" type="number" name="x">
47         <br>
48         <strong>Insert value Y:</strong><input id="y" type="number" name="y">
49         <br>
50         Sum of two values:<output name="z" for="x y"></output>
51     </form>
52 </div>
53 <div>
54     <footer style="background-color: #000080; text-align:center; margin-top:20px;">
55         <p>&copy; 2024 Booking System. All rights reserved.</p>
56     </footer>
57 </div>
58 </body>
59
60 </html>
```

Output

Booking System

Time to book your journey~

[Home](#) | [About](#) | [Contact](#)

< ♣ Main Content Area ♣ >

Please enter require information for booking process

Email:

Date:

Your Satisfaction(0-10): 10

Calculator

Insert value X:

Insert value Y:

Sum of two values:

© 2024 Booking System. All rights reserved.