Web-based Interface Design

(CSF3133)

LAB REPORT

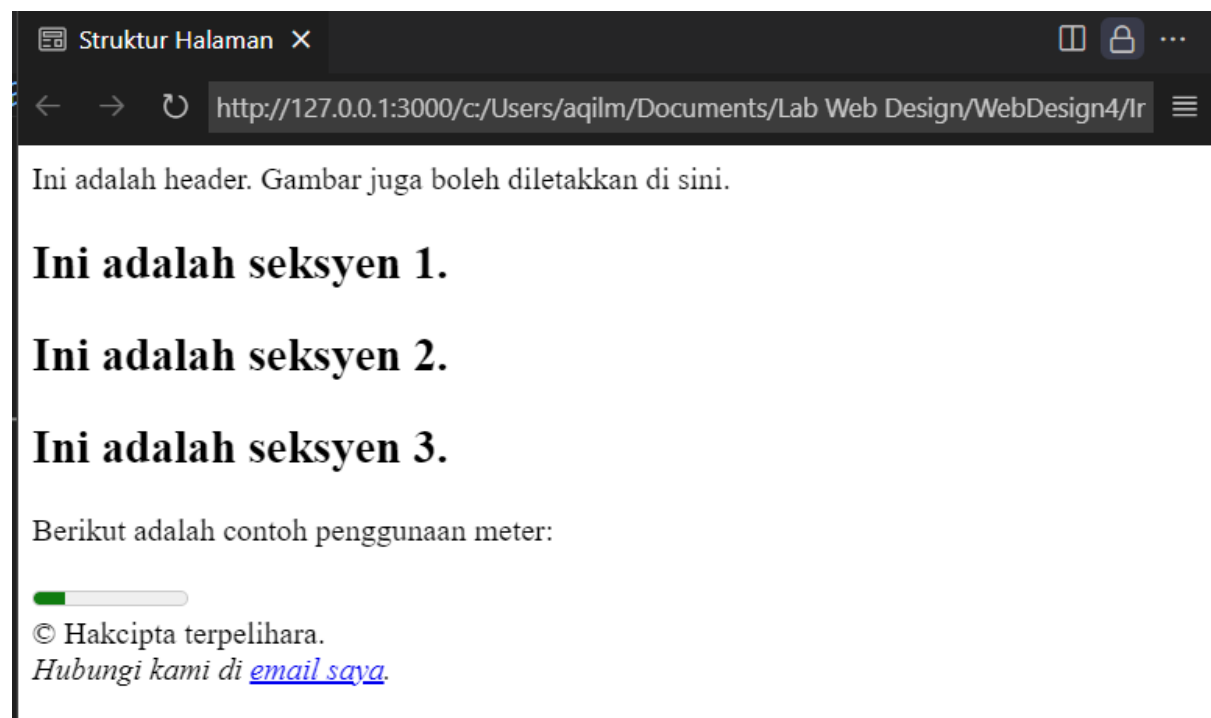**LECTURE**: Assoc. Prof. Ts. Dr. Wan Nural Jawahir Hj Wan Yussof

DEMONSTRATOR: Madam Wan Fatin Fatihah Yahya

NAME : AQIL MIZWAR BIN MOHD ROSLAN
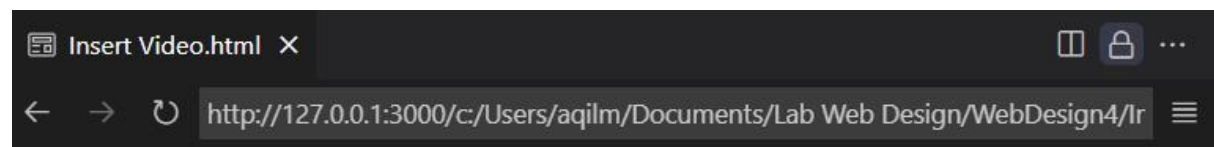
MATRIC: S72471

4.0.1 Page Structure Elements

C: > Users > aqilm > Documents > Lab Web Design > WebDesign4 > <> Instruction.html > ⬡ html > ⬡ body > ⬡ section#3 > ⬡ h2

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4   <meta charset="utf-8">
5   <title>Struktur Halaman</title>
6   </head>
7   <body>
8   <header>Ini adalah header. Gambar juga boleh diletakkan di sini.
9   </header>
10  <section id="1">
11  <h2>Ini adalah seksyen 1.</h2>
12  </section>
13  <section id="2">
14  <h2>Ini adalah seksyen 2.</h2>
15  </section>
16  <section id="3">
17  <h2>Ini adalah seksyen 3.</h2>
18  <p>Berikut adalah contoh penggunaan meter:</p>
19  <meter min="0" max="100" value="20">100</meter>
20  </section>
21  <footer>
22  &copy; Hakcipta terpelihara.
23  <address>
24  Hubungi kami di <a href="mailto:emailanda@umt.edu.my">
25  email saya</a>.
26  </address>
27  </footer>
28  </body>
29  </html>
```

Struktur Halaman ✕

http://127.0.0.1:3000/c:/Users/aqilm/Documents/Lab Web Design/WebDesign4/Ir

Ini adalah header. Gambar juga boleh diletakkan di sini.

Ini adalah seksyen 1.

Ini adalah seksyen 2.

Ini adalah seksyen 3.

Berikut adalah contoh penggunaan meter:

© Hakcipta terpelihara.
Hubungi kami di email saya.

4.0.2 Insert Video into HTML5 Document

C: > Users > aqilm > Documents > Lab Web Design > WebDesign4 > <> Insert Video.html >

```
1    <!DOCTYPE html>
2    <html>
3    <body>
4    <video width="400" height="300" controls>
5    <source src="upinipin.mp4" type="video/mp4">
6    Pelayar anda tidak menyokong tag video.
7    </video>
8    </body>
9    </html>
```

Insert Video.html ×

http://127.0.0.1:3000/c:/Users/aqilm/Documents/Lab Web Design/WebDesign4/Ir

4.0.3 Cascading Style Sheets

```html
C: > Users > aqilm > Documents > Lab Web Design > WebDesign4 > <> stail.html > ...
1    <html>
2    <head>
3    <style type="text/css">
4    p {
5    color: red;
6    text-align:center;
7    }
8    </style>
9    </head>
10   <body>
11   <p>Hello UMT!</p>
12   </body>
13   </html>
```
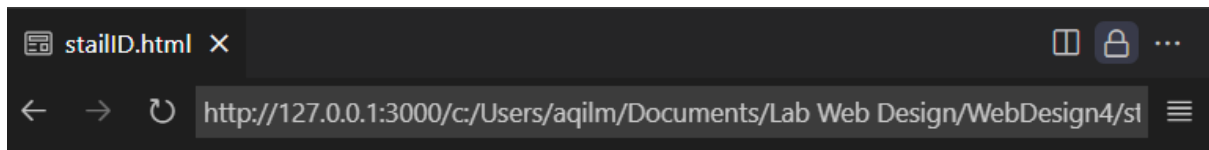
stail.html ✕

http://127.0.0.1:3000/c:/Users/aqilm/Documents/Lab Web Design/WebDesign4/st

Hello UMT!

4.0.4 Recognize ID and Selector Class

ID
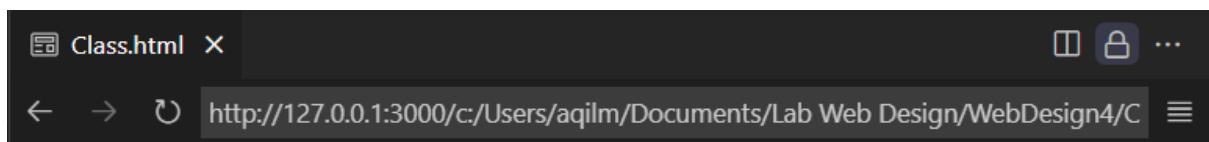
```html
C: > Users > aqilm > Documents > Lab Web Design > WebDesign4 > <> stailID.html > html
1    <html>
2    <head>
3    <style type="text/css">
4    #Part1 {
5    text-align: center;
6    color: red;
7    }
8    </style>
9    </head>
10   <body>
11   <p id="Part1">Hello UMT!</p>
12   </body>
13   </html>
```
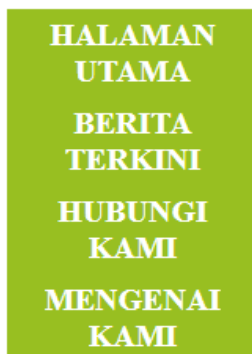
Hello UMT!

Class

```
C: > Users > aqilm > Documents > Lab Web Design > WebDesign4 > <> Class.html > ...
1    <html>
2    <head>
3    <style type="text/css">
4    .center{
5    text-align: center;
6    }
7    </style>
8    </head>
9    <body>
10   <h1 class="center">Tajuk</h1>
11   <p class="center">Perenggan</p>
12   </body>
13   </html>
```
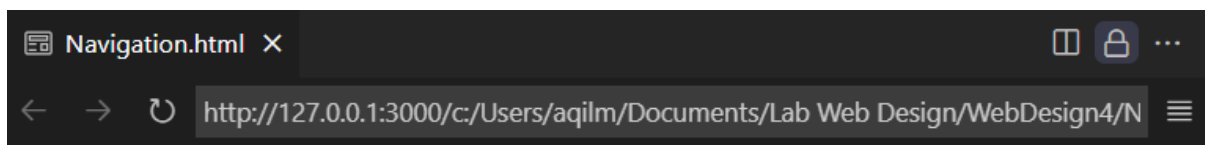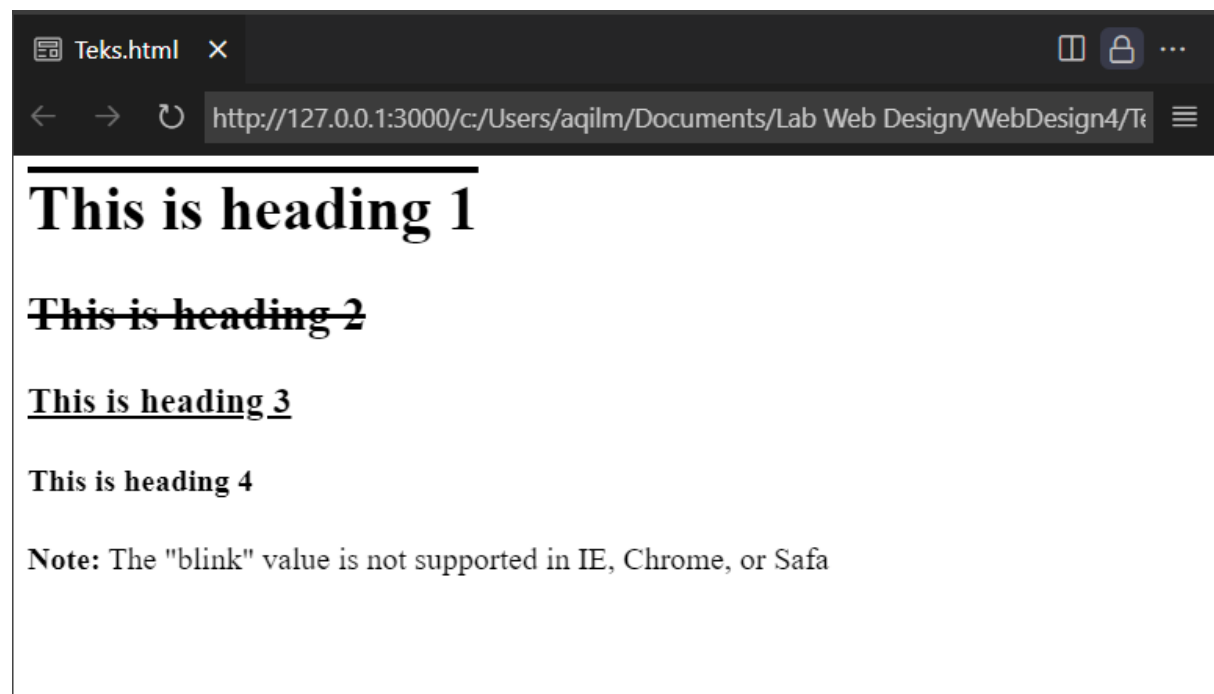
Tajuk

Perenggan

4.0.5 Navigation Bar using CSS

```
C: > Users > aqilm > Documents > Lab Web Design > WebDesign4 > <> Navigation.html > ⊘ html > ⊘ head > ⊘ style > ⁗ a:link > ⁗ a:visited
  1    <html>
  2    <head>
  3    <style type="text/css">
  4    ul {
  5    list-style-type: none;
  6    margin: 0;
  7    padding: 0;
  8    }
  9    a:link, a:visited {
 10    display: block;
 11    font-weight: bold;
 12    color: #FFFFFF;
 13    background-color: #98bf21;
 14    width: 120px;
 15    text-align: center;
 16    padding: 4px;
 17    text-decoration: none;
 18    text-transform: uppercase;
 19    }
 20    a:hover, a:active {
 21    background-color: #7A991A;
 22    }
 23    </style>
 24    </head>
 25    <body>
 26    <ul>
 27    <li><a href="#home">Halaman Utama</a></li>
 28    <li><a href="#news">Berita Terkini</a></li>
 29    <li><a href="#contact">Hubungi Kami</a></li>
 30    <li><a href="#about">Mengenai Kami</a></li>
 31    </ul>
 32    </body>
 33    </html>
```
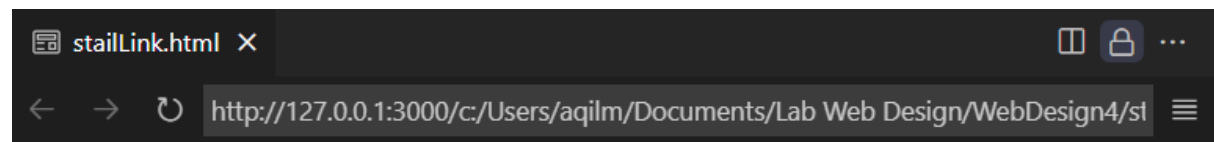
Navigation.html ✕

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HALAMAN UTAMA

BERITA TERKINI

HUBUNGI KAMI

MENGENAI KAMI

4.0.6 Recognizing Text Decoration

```html
C: > Users > aqilm > Documents > Lab Web Design > WebDesign4 > <> Teks.html > ⊘ html > ⊘ head > ⊘ style > 🏷 h2
 1  <html>
 2  <head>
 3  <style type="text/css">
 4  h1 {text-decoration: overline;}
 5  h2 {text-decoration: line-through;}
 6  h3 {text-decoration: underline;}
 7  h4 {text-decoration: blink;}
 8  </style>
 9  </head>
10  <body>
11  <h1>This is heading 1</h1>
12  <h2>This is heading 2</h2>
13  <h3>This is heading 3</h3>
14  <h4>This is heading 4</h4>
15  <p><b>Note:</b> The "blink" value is not supported in IE, Chrome, or Safa
16  </body>
17  </html>
```

Teks.html ✕

http://127.0.0.1:3000/c:/Users/aqilm/Documents/Lab Web Design/WebDesign4/Te

This is heading 1

~~This is heading 2~~

<u>This is heading 3</u>

This is heading 4

Note: The "blink" value is not supported in IE, Chrome, or Safa

4.0.7 Recognizing Styling Links

```
C: > Users > aqilm > Documents > Lab Web Design > WebDesign4 > <> stailLink.html > ...
 1    <html>
 2    <head>
 3    <style type="text/css">
 4    a:link {color:■#FF0000;} /* unvisited link */
 5    a:visited {color:■#00FF00;} /* visited link */
 6    a:hover {color:■#FF00FF;} /* mouse over link */
 7    a:active {color:■#0000FF;} /* selected link */
 8    </style>
 9    </head>
10    <body>
11    <p><b><a href="default.asp" target="_blank">
12    Ini adalah pautan</a></b></p>
13    </body>
14    </html>
15
```

🗔 stailLink.html ✕   ⬜ 🔒 ...

←   →   ↻   http://127.0.0.1:3000/c:/Users/aqilm/Documents/Lab Web Design/WebDesign4/st   ≡

Ini adalah pautan

Exercise Lab 4

```html
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="utf-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Kucing</title>
7       <style>
8           /* General Styling */
9           h2 { text-decoration: underline; }
10          p { color: rgb(230, 135, 10); }
11          footer p { color: black; }
12
13          /* Navigation Bar */
14          ul {
15              list-style-type: none;
16              margin: 0;
17              padding: 0;
18              display: flex;
19          }
20          li { margin: 0 10px; }
21          a:link, a:visited {
22              display: block;
23              font-weight: bold;
24              color: #FFFFFF;
25              background-color: #1674b3;
26              width: 150px;
27              text-align: center;
28              padding: 4px;
29              text-decoration: none;
30              text-transform: uppercase;
31          }
32          a:hover, a:active { background-color: #21191f; }
```

```html
34          /* Form Styling */
35          form {
36              max-width: 400px;
37              margin: 20px auto;
38              padding: 20px;
39              border: 1px solid #ccc;
40              border-radius: 8px;
41              background-color: #f9f9f9;
42          }
43          form label {
44              display: block;
45              margin-bottom: 5px;
46          }
47          form input[type="text"], form input[type="email"], form input[type="submit"] {
48              width: 100%;
49              padding: 10px;
50              margin-bottom: 15px;
51              border: 1px solid #ccc;
52              border-radius: 4px;
53          }
54          form input[type="radio"], form input[type="checkbox"] {
55              margin-right: 5px;
56          }
57          form input[type="submit"] {
58              background-color: #1674b3;
59              color: #fff;
60              cursor: pointer;
61          }
62          form input[type="submit"]:hover {
63              background-color: #21191f;
64          }
```

```html
        /* Responsive Form */
        @media (max-width: 600px) {
            form {
                max-width: 90%;
                margin: 10px auto;
                padding: 15px;
            }
        }

        /* Video Styling */
        video {
            display: block;
            margin: 20px auto;
        }
    </style>
</head>
<body>
    <ul>
        <li><a href="#wajah">Wajah Kucing</a></li>
        <li><a href="#ayah">Ayah Kucing</a></li>
        <li><a href="#ibu">Ibu Kucing</a></li>
        <li><a href="#nenek">Nenek Kucing</a></li>
    </ul>

    <header>
        <center><h1>Lab 4</h1></center>
    </header>

    <section id="1">
        <h2><center>Tentang Kucing Saya</center></h2>
        <article>
            <p>
                Aku memelihara seekor kucing jalanan. Aku memberi nama kucing itu "Muani".
                Muani merupakan kucing betina. Muani berwarna orange brick dan mempunyai bulu kerinting.
                Video di bawah ini adalah klip seekor kucing bernama Muani.
            </p>
        </article>
    </section>

    <section id="video">
        <video width="500" height="400" controls>
            <source src="kucing.mp4" type="video/mp4">
            No Sound.
        </video>
    </section>

    <div>
        <h2><center>Tentang Kucing Anda</center></h2>
        <form action="">
            <label for="namauser">Nama:</label>
            <input type="text" id="namauser" name="namauser" placeholder="Nama Anda" required>

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

            <label for="namakucing">Nama Kucing:</label>
            <input type="text" id="namakucing" name="namakucing" placeholder="Nama Kucing" required>

            <fieldset>
                <legend>Gender:</legend>
```

```html
127        <label for="male">
128            <input type="radio" id="male" name="gender" value="male">
129            Male
130        </label>

131
132        <label for="female">
133            <input type="radio" id="female" name="gender" value="female">
134            Female
135        </label>
136    </fieldset>

137
138
139    <fieldset>
140        <legend>Select your cat hobbies :</legend>
141        <label for="hobby1">
142            <input type="checkbox" id="hobby1" name="hobbies[]" value="Tidur">
143            Tidur
144        </label><br>

145
146        <label for="hobby2">
147            <input type="checkbox" id="hobby2" name="hobbies[]" value="Gaming">
148            Bermain
149        </label><br>

150
151        <label for="hobby3">
152            <input type="checkbox" id="hobby3" name="hobbies[]" value="Traveling">
153            Makan
154        </label><br>
```

```html
156        <label for="hobby4">
157            <input type="checkbox" id="hobby4" name="hobbies[]" value="Cooking">
158            Jalan Jalan
159        </label>
160    </fieldset>

161
162
163
164        <input type="submit" value="Hantar">
165    </form>
166    </div>

167
168    <footer>
169        <p>&copy; Hakcipta Terpelihara.</p>
170    </footer>
171 </body>
172 </html>
173
```

Tentang Kucing Anda

Nama:

Nama Anda

Email:

my@gmail.com

Nama Kucing:

Nama Kucing

Gender:
- ○ Male
- ○ Female

Select your cat hobbies :
- ☐ Tidur
- ☐ Bermain
- ☐ Makan
- ☐ Jalan Jalan

Hantar