



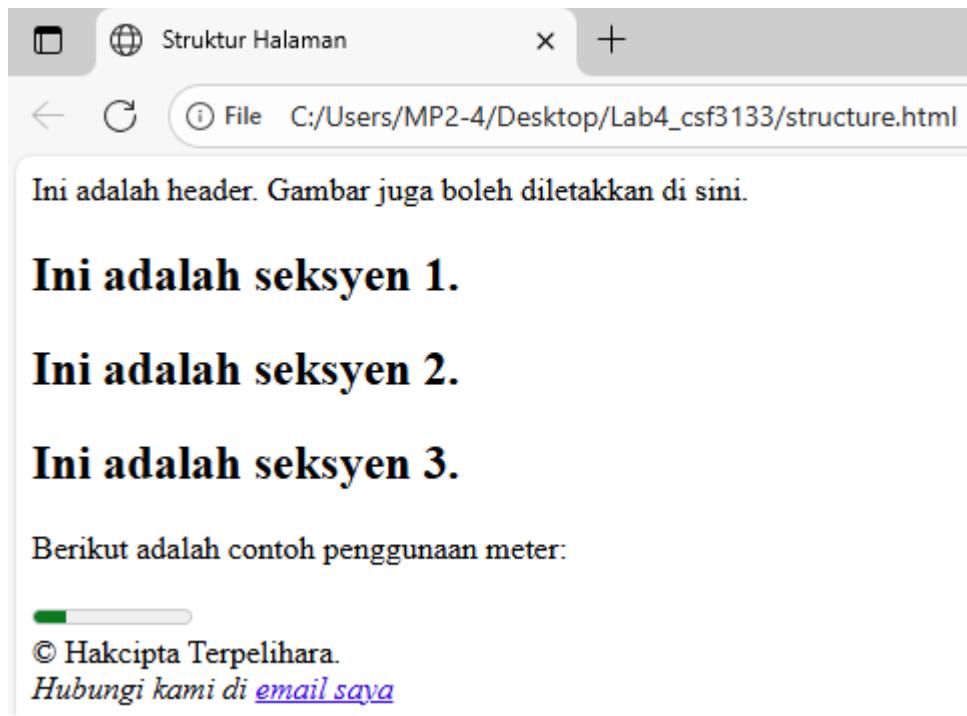
WEB-BASED INTERFACE DESIGN

(CSF 3133)

LAB REPORT 4

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DATE : 12 NOVEMBER 2025
GROUP : K4
PROGRAMME : COMPUTER SCIENCE (SOFTWARE ENGINEERING)

4.2 Page Structure Elements



The screenshot shows a browser window titled "Struktur Halaman". The address bar indicates the file path: "C:/Users/MP2-4/Desktop/Lab4_csf3133/structure.html". The main content area contains the following text:

Ini adalah header. Gambar juga boleh diletakkan di sini.

Ini adalah seksyen 1.

Ini adalah seksyen 2.

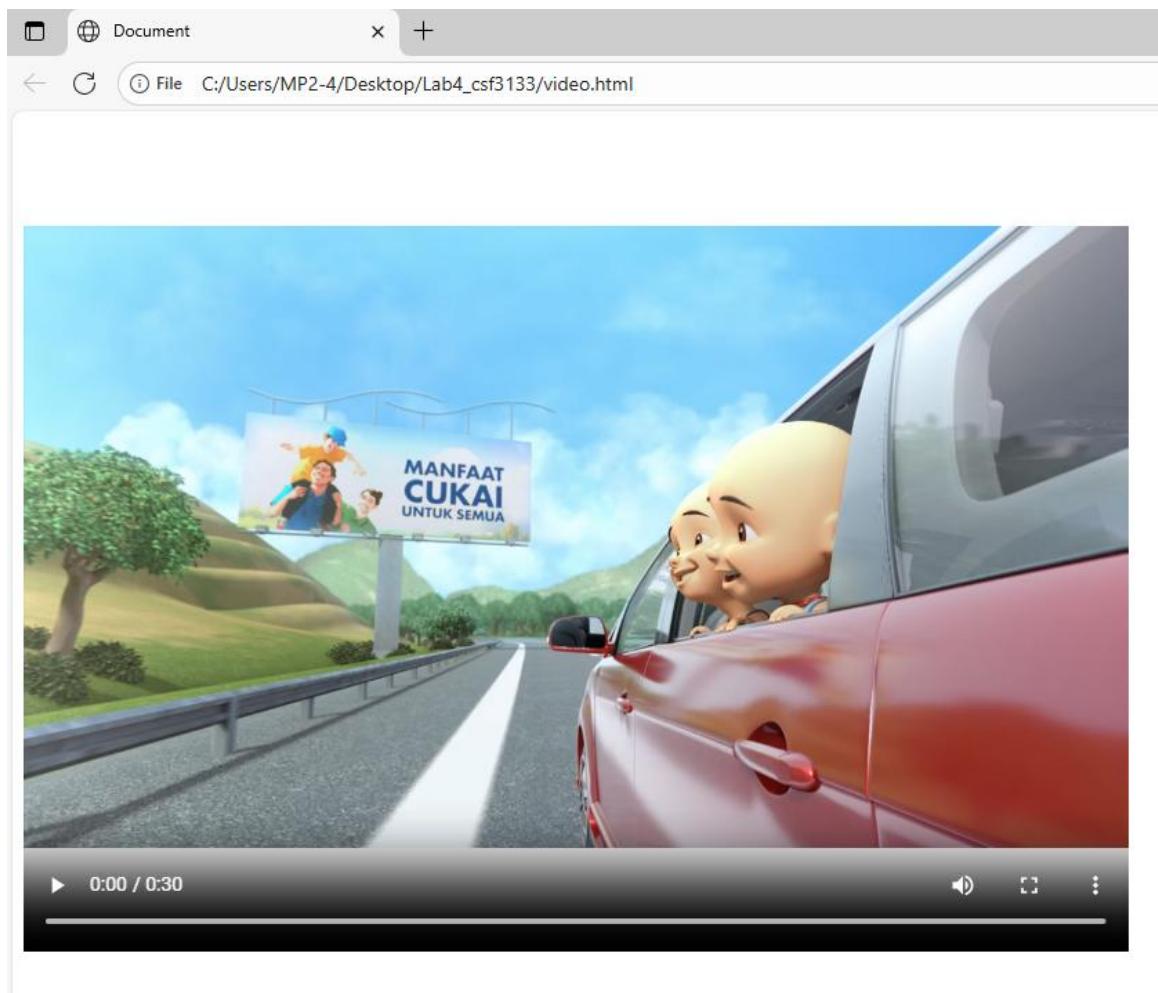
Ini adalah seksyen 3.

Berikut adalah contoh penggunaan meter:



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Hubungi kami di [email saya](#)

4.3 Insert Video into HTML5 Document



Change the width to 800 and height to 600

```
✖ Welcome   ◁ video.html ✖
◁ video.html > ⏷ html
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9
10 <body>
11     <video width="800" height="600" controls>
12         <source src="upinipin.mp4" type="video/mp4">
13         Pelayar anda tidak menyokong tag video.
14     </video>
15 </body>
16
17 </html>
```

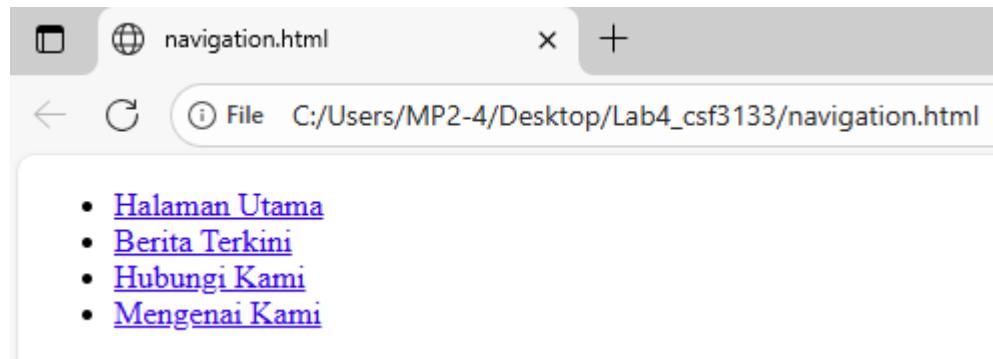
4.4 Cascading Style Sheets



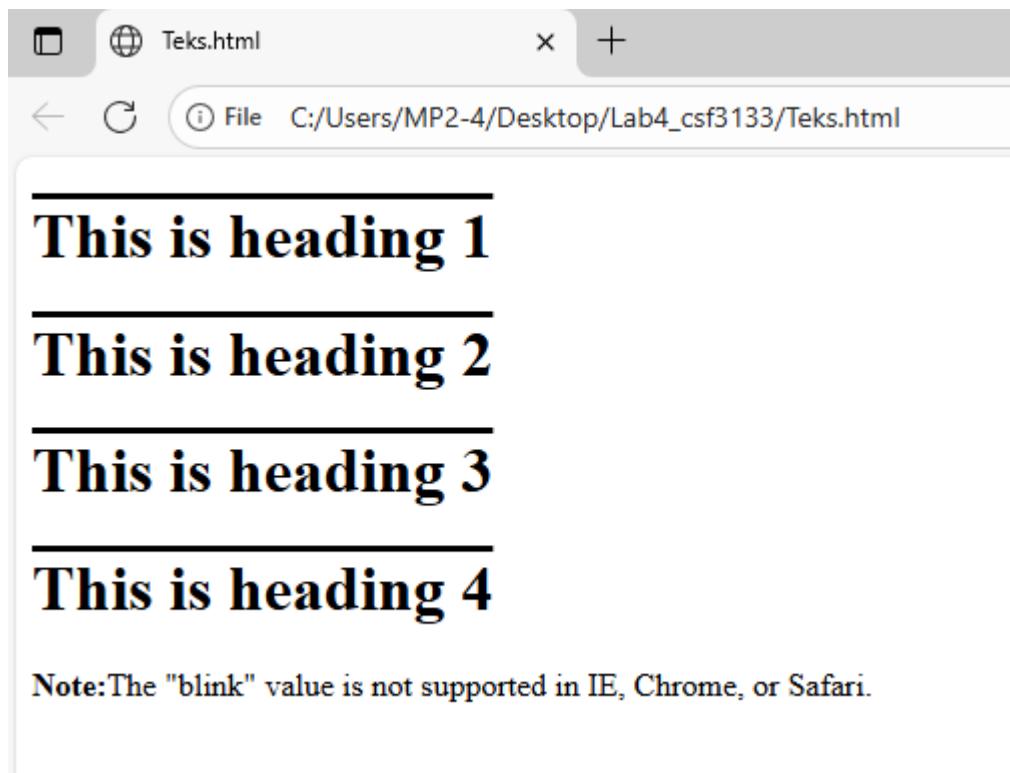
4.5 Recognize ID and Selector Class



4.6 Navigation Bar Using CSS

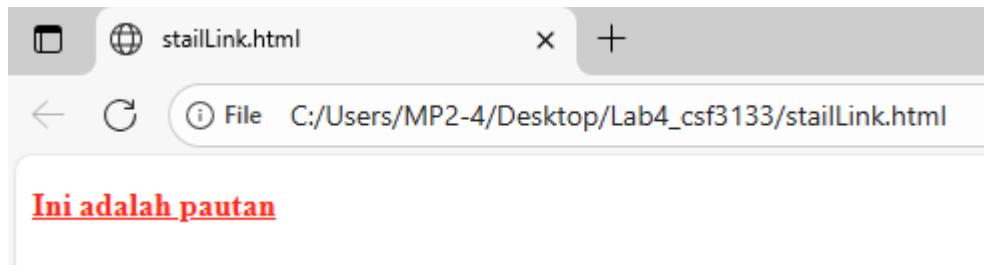


4.7 Recognizing Text Decoration

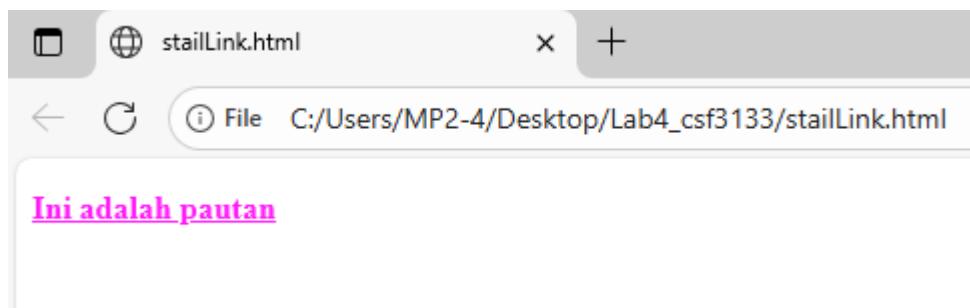


4.8 Recognizing Styling Links

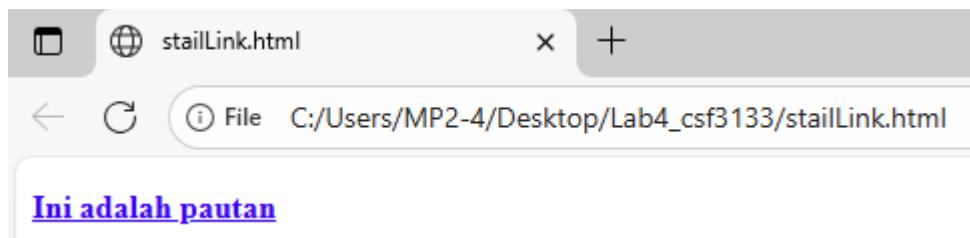
Unvisited link



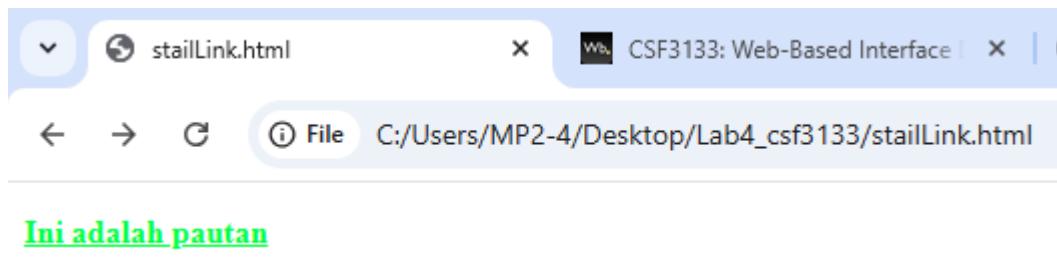
Mouse over link



Selected link



Visited link



4.9 Lab Exercise 4

Source Code

The screenshot shows a code editor window with the tab "lab4.html" selected. The file contains HTML and CSS code. The CSS is organized into several sections:

- Internal CSS for Headings:** A section for `h2` elements, setting colors, borders, padding, and text-decoration.
- Navigation Bar Styling:** A section for `nav ul` elements, setting list-style-type to none, margins, padding, and background-color.
- Link Styling:** A section for `nav li a` elements, setting display, color, text-align, padding, and text-decoration.
- Link Hover Styling:** A section for `nav li a:hover` elements, setting background-color and text-decoration.
- Link Visited Styling:** A section for `nav li a:visited` elements, indicated by a cursor at the end of the line.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <!-- External CSS -->
    <link rel="stylesheet" href="style.css">
    <!-- Internal CSS -->
    <style>
        /* ===== Internal CSS for headings ===== */
        section h2 {
            color: #2c3e50;
            border-bottom: 2px solid #2c3e50;
            padding-bottom: 5px;
            text-decoration: underline;
        }

        /* ===== Navigation Bar Styling ===== */
        nav ul {
            list-style-type: none;
            margin: 0;
            padding: 0;
            background-color: #333;
        }

        nav li {
            float: left;
        }

        nav li a {
            display: block;
            color: #rgb(74, 181, 231);
            text-align: center;
            padding: 14px 20px;
            text-decoration: none;
        }

        /* Apply link states styling */
        nav li a:hover {
            background-color: #b057da;
            text-decoration: underline;
        }

        nav li a:visited {
        }
```

```
49     |         color: #9063e2;
50     |
51
52     nav li a:active {
53         |         color: red;
54         |         text-decoration: line-through;
55     }
56
57     /* ===== Body and Layout ===== */
58     body {
59         |         background-color: #f9f9f9;
60     }
61
62     header {
63         |         background-color: #2c3e50;
64         |         color: white;
65         |         padding: 20px;
66         |         text-align: center;
67         |         text-decoration: underline;
68         |         /* Example of text-decoration */
69     }
70
71     footer {
72         |         background-color: #2c3e50;
73         |         color: white;
74         |         text-align: center;
75         |         padding: 10px;
76     }
77
78     section {
79         |         padding: 20px;
80     }
81
82     /* ===== Form Styling ===== */
83     form {
84         |         background-color: #fff;
85         |         border: 1px solid #ccc;
86         |         padding: 20px;
87         |         width: 350px;
88     }
89
90     label {
```

```
91         |     font-weight: bold;
92         |     color: #2c3e50;
93     }
94
95     input[type="text"],
96     input[type="email"] {
97         width: 100%;
98         padding: 8px;
99         margin: 5px 0 10px 0;
100        border: 1px solid #ccc;
101    }
102
103    button {
104        background-color: #04AA6D;
105        color: white;
106        padding: 10px 15px;
107    }
108
109    button:hover {
110        background-color: #2c3e50;
111    }
112
113    #home {
114        text-align: left;
115    }
116    </style>
117 </head>
118
119 <body>
120     <header>
121         <h1>Welcome to my webpage!</h1>
122     </header>
123
124     <nav>
125         <ul>
126             <li><a href="#home">Home</a></li>
127             <li><a href="#about">About</a></li>
128             <li><a href="#contact">Contact Me</a></li>
129             <li><a href="#video">Video</a></li>
130         </ul>
131     </nav>
132
```

```
133 <br>
134
135 <section id="home">
136   <h2>Home</h2>
137   <article>
138     <p>This is home section of the webpage.</p>
139   </article>
140 </section>
141
142 <section id="about">
143   <h2>About</h2>
144   <p>This is about section of the webpage.</p>
145 </section>
146
147 <section id="contact">
148   <h2>Contact Form</h2>
149   <form>
150     <label for="name">Name:</label><br>
151     <input type="text" id="name" name="name" required><br><br>
152
153     <label for="email">Email:</label><br>
154     <input type="email" id="email" name="email" required><br><br>
155
156     <label>Gender:</label><br>
157     <input type="radio" id="male" name="gender" value="male">
158     <label for="male">Male</label>
159     <input type="radio" id="female" name="gender" value="female">
160     <label for="female">Female</label><br><br>
161
162     <label>Favorite Hobbies:</label><br>
163     <input type="checkbox" name="hobby" value="Reading"> Reading
164     <input type="checkbox" name="hobby" value="Music"> Music
165     <input type="checkbox" name="hobby" value="Traveling"> Traveling<br><br>
166
167     <button type="submit">Submit</button>
168   </form>
169 </section>
170
171 <section id="video">
172   <h2>Video</h2>
173   <video width="500" controls>
174     <source src="Hi.mp4" type="video/mp4">Your browser does not support the video tag.
175   </video>
176 </section>
```

```
177
178   <footer>
179     <p>&copy; 2025 My Webpage</p>
180   </footer>
181 </body>
182
183 </html>
```

Output

Document

← → ⌂ File C:/Users/MP2-4/Desktop/Lab4_csf133/lab4.html#about

Welcome to my webpage!

Home About Contact Me Video

Home

This is home section of the webpage.

About

This is about section of the webpage.

Contact Form

Name:

Email:

Gender: Male Female

Favorite Hobbies: Reading Music Traveling

Submit

Document

← → ⌂ File C:/Users/MP2-4/Desktop/Lab4_csf133/lab4.html#about

Gender: Male Female

Favorite Hobbies: Reading Music Traveling

Submit

Video



© 2025 My Webpage