



WEB-BASED INTERFACE DESIGN

(CSF 3133)

LAB REPORT 4

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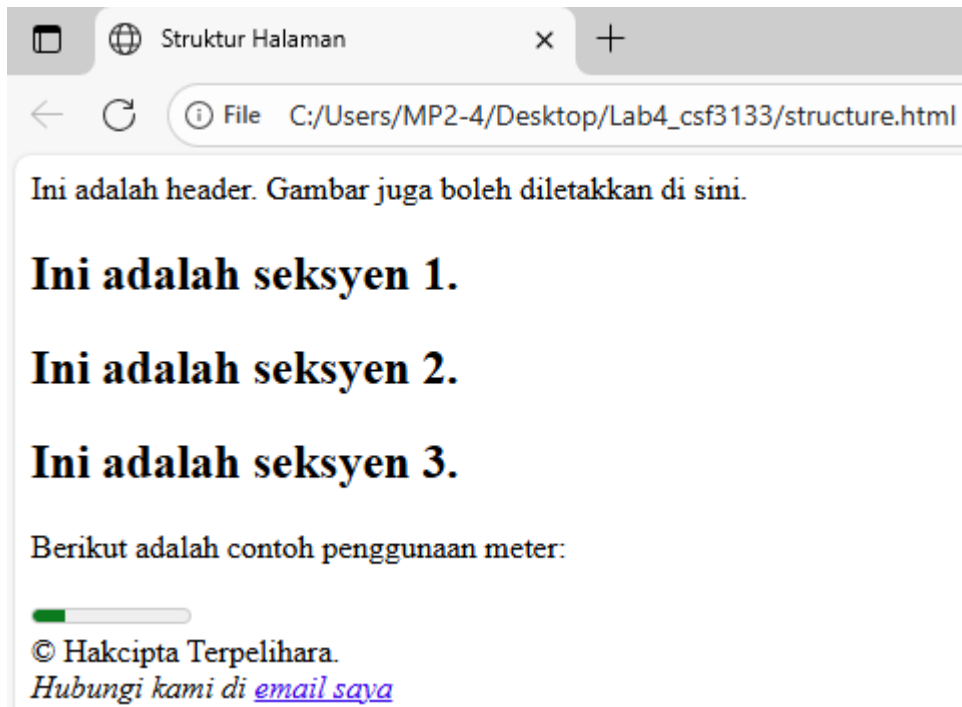
MATRIC : S75063

DATE : 12 NOVEMBER 2025

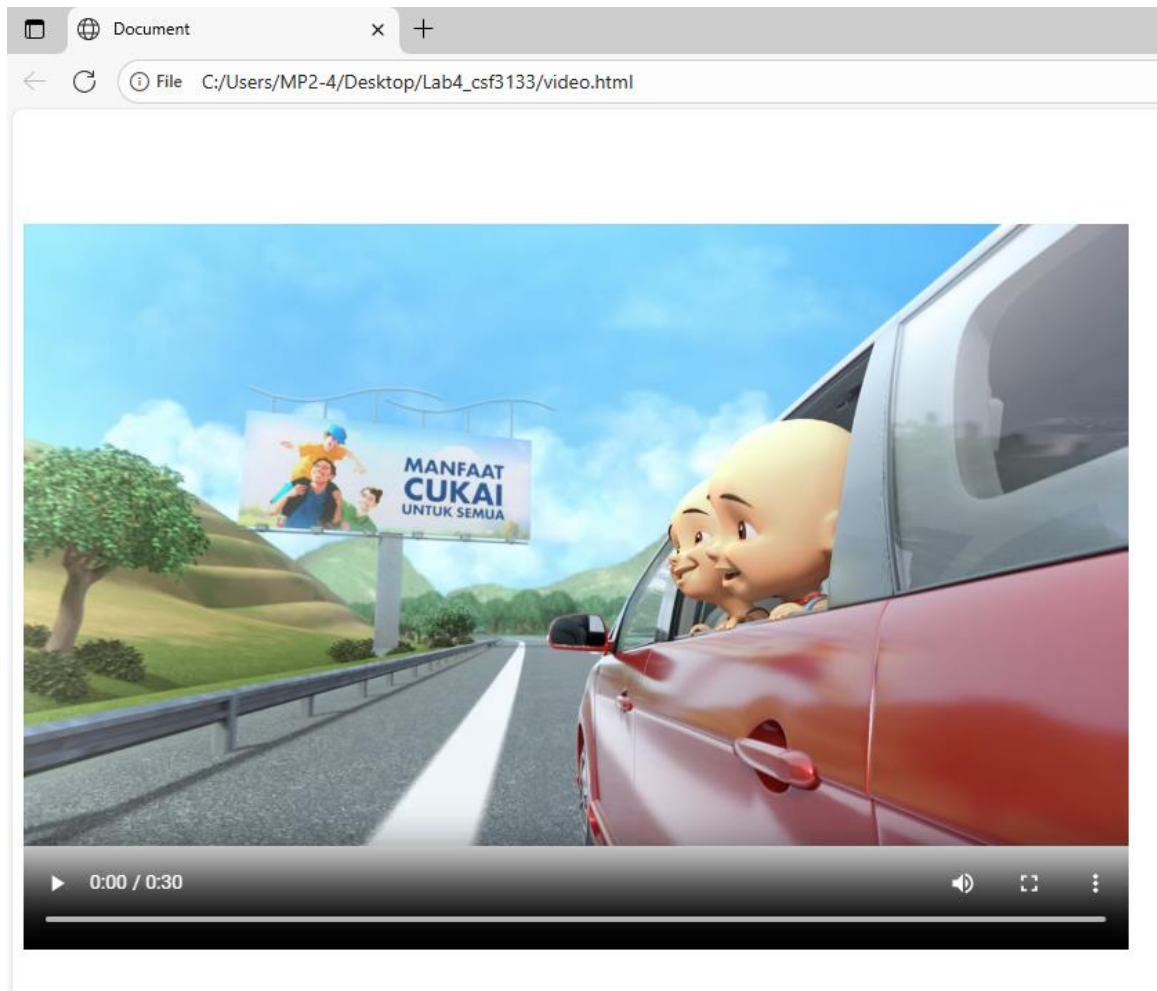
GROUP : K4

PROGRAMME : COMPUTER SCIENCE (SOFTWARE ENGINEERING)

4.2 Page Structure Elements



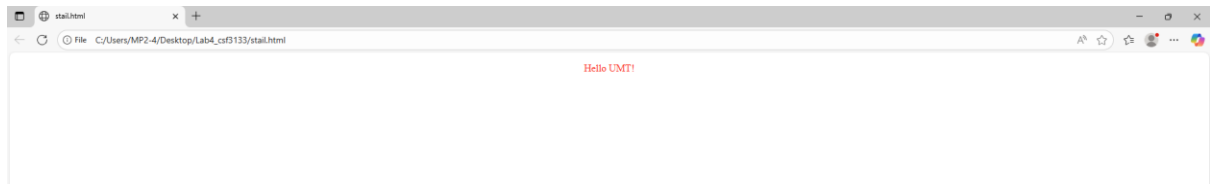
4.3 Insert Video into HTML5 Document



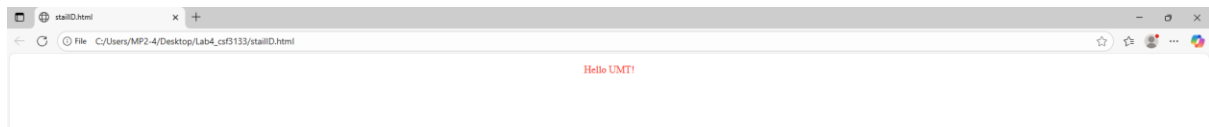
Change the width to 800 and height to 600

```
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>
```

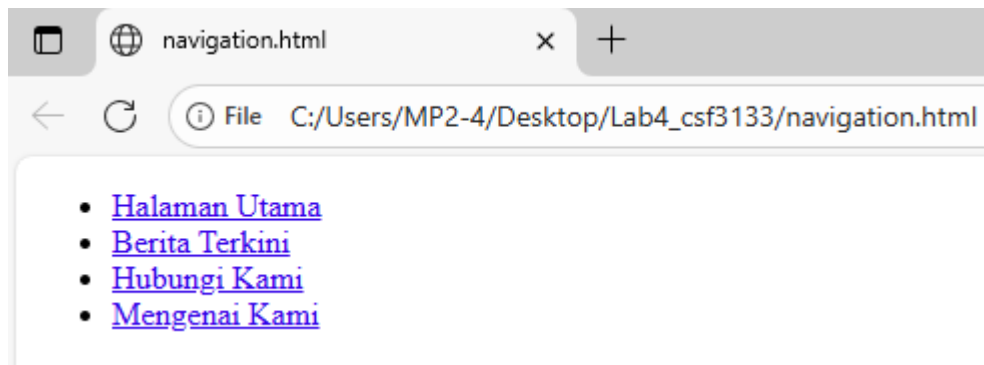
4.4 Cascading Style Sheets



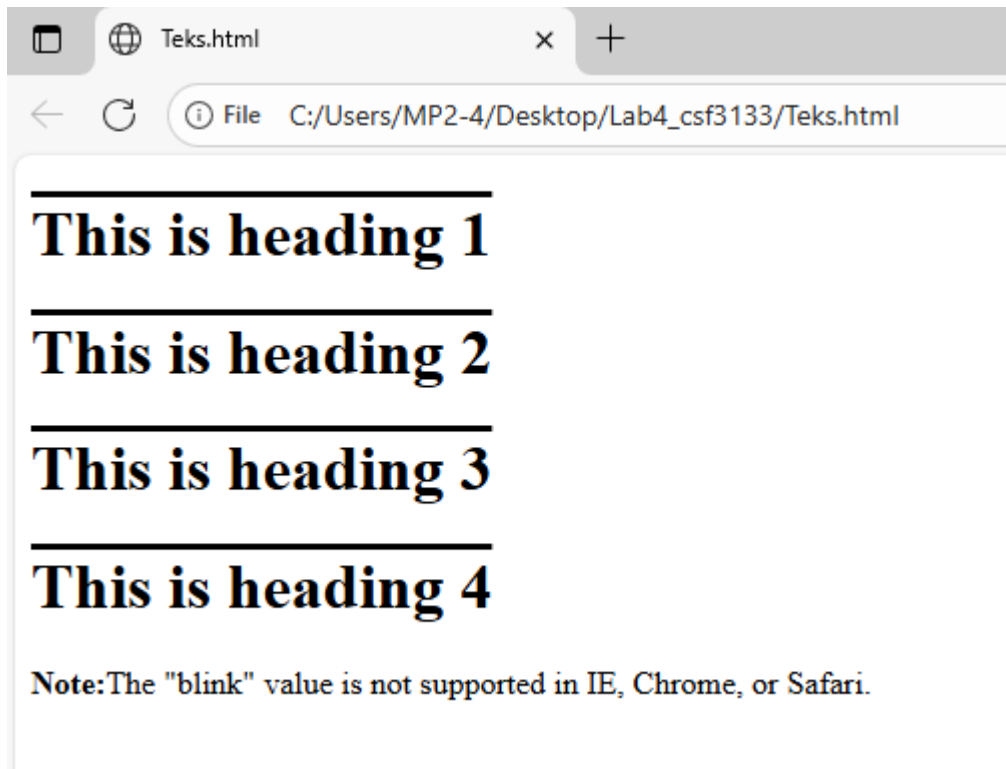
4.5 Recognize ID and Selector Class



4.6 Navigation Bar Using CSS

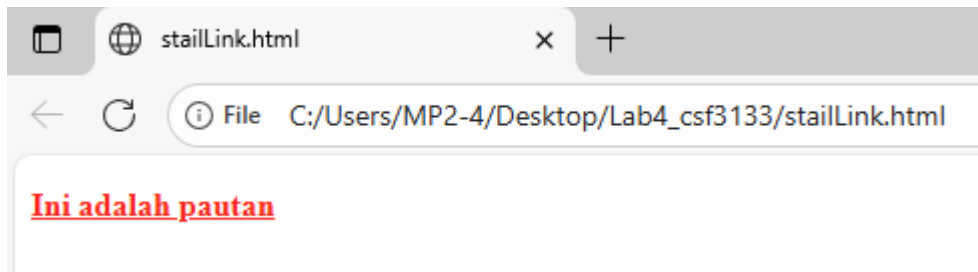


4.7 Recognizing Text Decoration

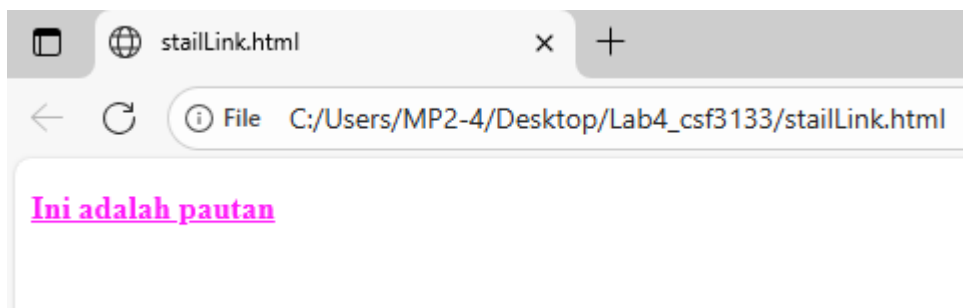


4.8 Recognizing Styling Links

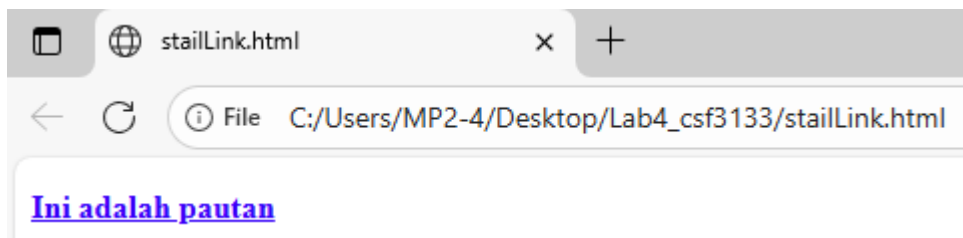
Unvisited link



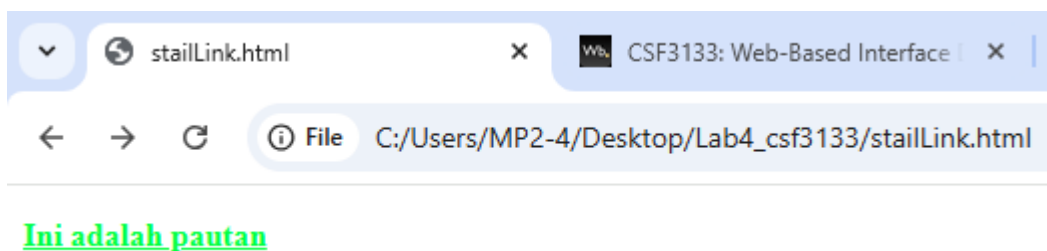
Mouse over link



Selected link



Visited link



4.9 Lab Exercise 4

Source Code

```
lab4.html > html > head > style > nav li a:visited
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
9      <!-- External CSS -->
10     <link rel="stylesheet" href="style.css">
11
12     <!-- Internal CSS -->
13     <style>
14         /* ===== Internal CSS for headings ===== */
15         section h2 {
16             color: #2c3e50;
17             border-bottom: 2px solid #2c3e50;
18             padding-bottom: 5px;
19             text-decoration: underline;
20         }
21
22         /* ===== Navigation Bar Styling ===== */
23         nav ul {
24             list-style-type: none;
25             margin: 0;
26             padding: 0;
27             background-color: #333;
28         }
29
30         nav li {
31             float: left;
32         }
33
34         nav li a {
35             display: block;
36             color: rgb(74, 181, 231);
37             text-align: center;
38             padding: 14px 20px;
39             text-decoration: none;
40         }
41
42         /* Apply link states styling */
43         nav li a:hover {
44             background-color: #b057da;
45             text-decoration: underline;
46         }
47
48         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

