



WEB DESIGN
(CSF 3133)

Lab 4

Name: Syamil Bin Md Noor

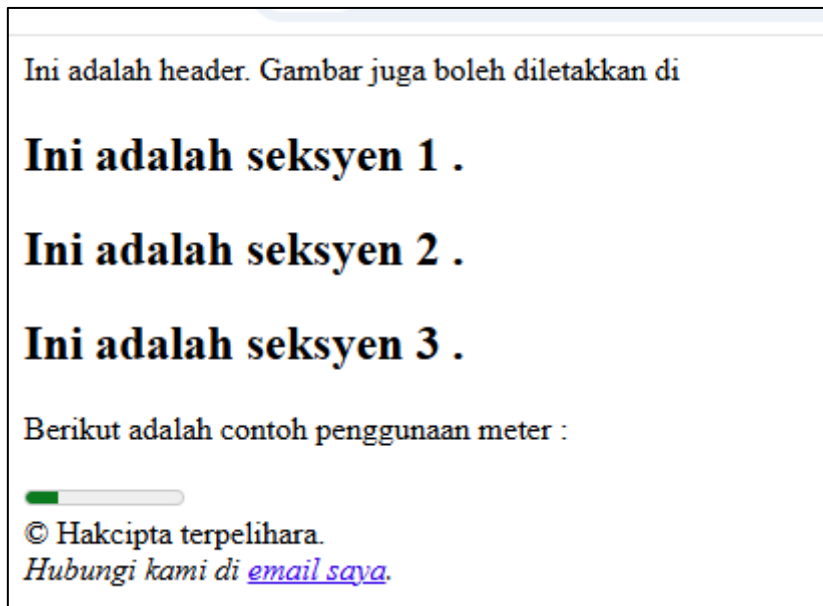
Matric: S76064

Date: 12/11/2025

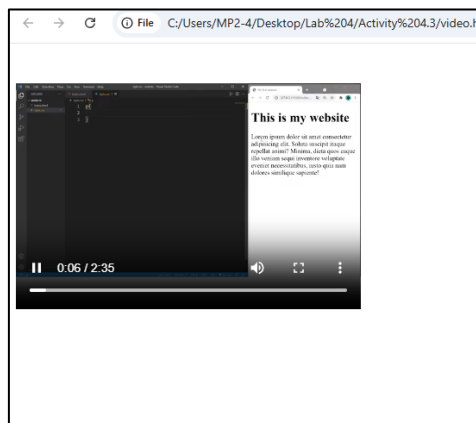
Group: K4

Program: Computer Science (Software Engineering)

Activity 4.2

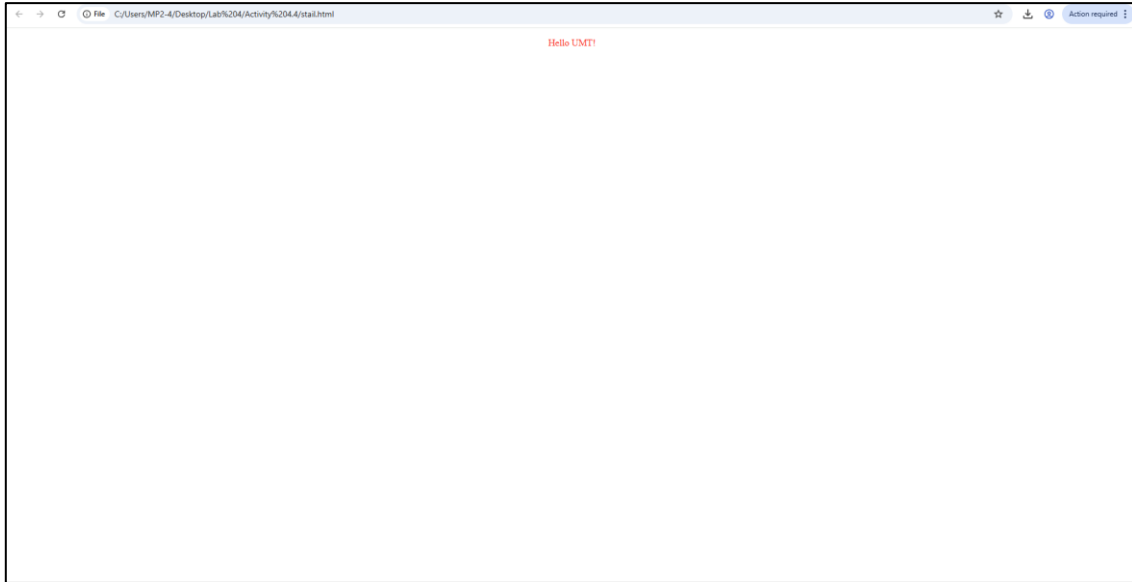


Activity 4.3

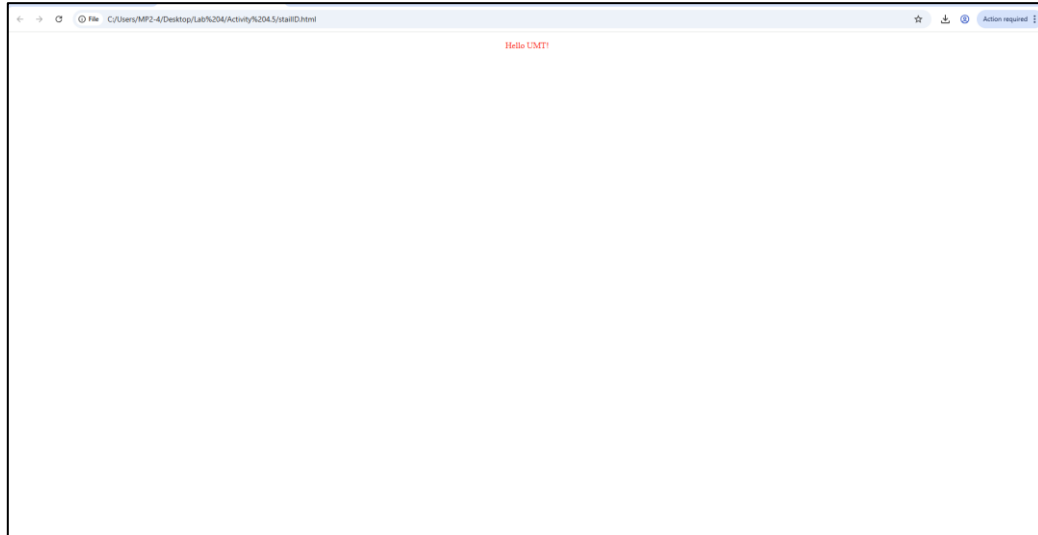


Browser	Supported Video Format
Google Chrome	MP4, WebM
Safari	MP4
Microsoft Edge	MP4, WebM
Firefox	MP4, WebM
Opera	MP4, WebM

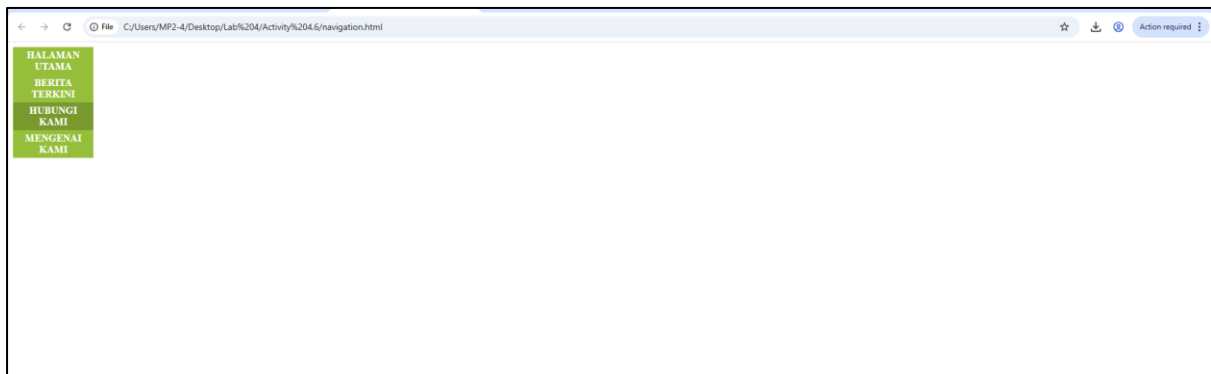
Activity 4.4



Activity 4.5



Activity 4.6

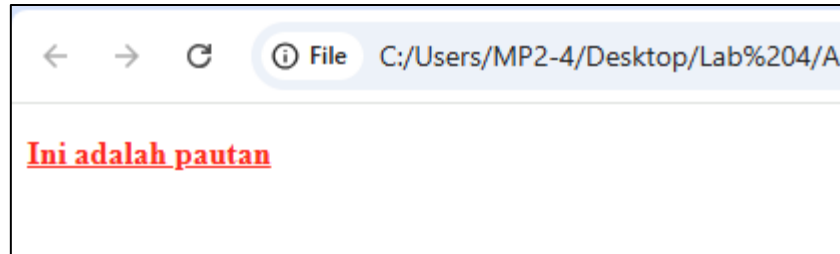


Activity 4.7

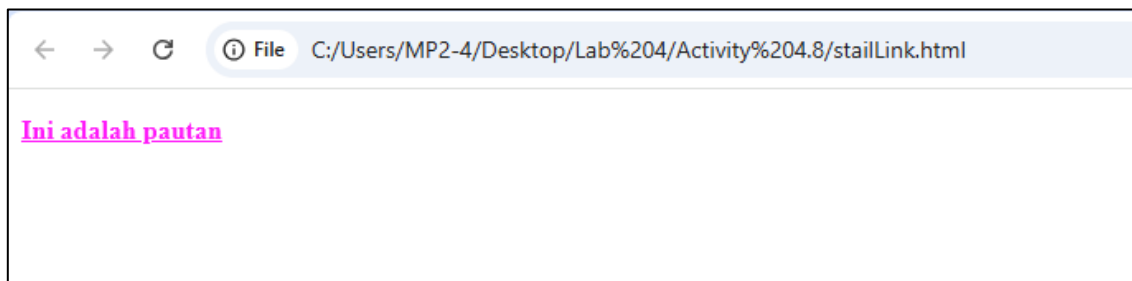


Activity 4.8

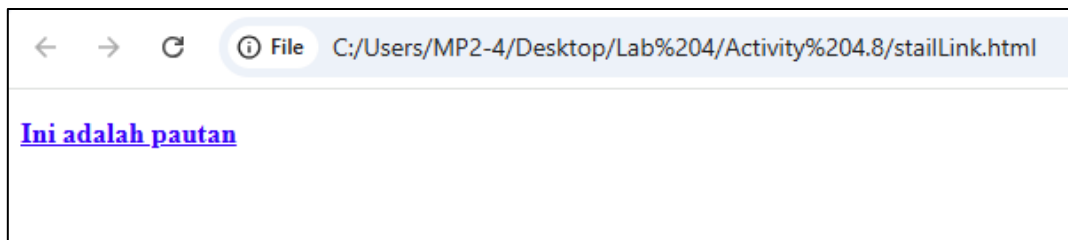
Before visiting the site.



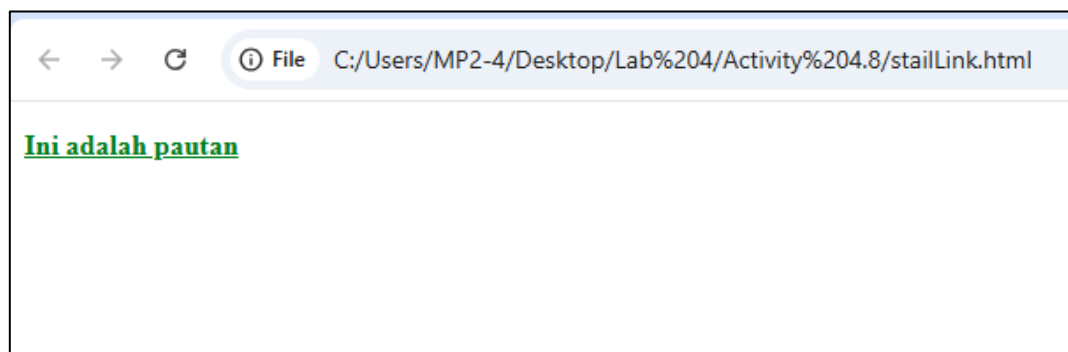
Hovering on top of the link.



While clicking the link



After clicking the link.



Lab Exercise

CSS

```
1  /** Control color */
2  :root {
3      --primaryColor: #029c31;
4      --secondaryColor: #13d34d;
5      --tertiaryColor: #9febb5;
6      --navColor: #b0cfba;
7  }
8
9  body,
10 body h3 {
11     margin: 0;
12 }
13
14 /** Control color */
15 header {
16     background-color: var(--primaryColor);
17     color: white;
18 }
19
20
21 header h1 {
22     font-size: 40px;
23     text-align: center;
24     padding-top: 10px;
25     margin: 0;
26 }
27
28 header h3 {
29     text-align: center;
30     padding-bottom: 10px;
31 }
32
33 nav {
34     background-color: var(--navColor);
35 }
36
37 nav ul {
38     margin: 0;
39 }
40
41 nav ul li {
42     display: inline-flex;
43     align-content: center;
44 }
45
```

```

46   nav ul li a {
47     text-decoration: none;
48     display: inline-block;
49     align-content: center;
50     color: rgb(0, 0, 0);
51     height: 30px;
52     padding: 5px;
53   }
54
55   nav ul li a:hover {
56     background-color: #9febb5;
57   }
58
59   .form-section {
60     display: inline-block;
61     background-color: var(--secondaryColor);
62     width: 25%;
63     height: 100%;
64   }
65
66   .form-section .input {
67     margin: 20px;
68     display: flex;
69     flex-flow: column;
70     align-items: center;
71   }
72
73   .form-section .input label {
74     color: black;
75     font-size: 20px;
76     font-family: Verdana, Geneva, Tahoma, sans-serif;
77   }
78   .submit-button:hover {
79     background-color: #9e7934;
80   }
81
82   .content {
83     background-color: var(--tertiaryColor);
84     width: 75%;
85     height: 100%;
86     float: right;
87     display: flex;
88     align-items: center;
89     flex-flow: column;
90   }

```



```
92 .content h2 {
93   color: rgb(0, 0, 0);
94   font-size: 40px;
95 }
96
97 .content article {
98   font-size: 20px;
99   padding-top: 5%;
100  padding-left: 10%;
101  padding-right: 10%;
102  color: rgb(0, 0, 0);
103  text-align: justify;
104 }
105
106 .content .span-overline {
107   text-decoration: overline;
108 }
109
110 .content .span-underline {
111   text-decoration: underline;
112 }
113
114 .content .span-line-through {
115   text-decoration: line-through;
116 }
117
118
119
120 footer {
121   position: fixed;
122   left: 0;
123   bottom: 0;
124   width: 100%;
125   background-color: aquamarine;
126   text-align: center;
127   align-content: center;
128   height: 7%;
129 }
130
131 footer a {
132   text-decoration: none;
133   color: black;
134 }
135
136 footer a:hover {
137   color: rgb(255, 186, 58);
138 }
```

```

136   footer a:hover {
137   |     color: ■ rgb(255, 186, 58);
138   }
139
140   footer a:active {
141   |     color: ■ rgb(121, 78, 0);
142   }
143
144   footer a:visited {
145   |     color: ■ rgb(0, 116, 15);
146   }

```

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  |   <link rel="stylesheet" href="stylesheet.css">
8  |   <title>My Website</title>
9  </head>
10
11 <body>
12 |   <!--Header-->
13 |   <header>
14 |   |   <h1>My Website</h1>
15 |   |   <h3>The best website in the world</h3>
16 |   </header>
17 |   <!--Naviagation Bar-->
18 |   <nav>
19 |   |   <ul>
20 |   |   |   <li><a href="">Home</a></li>
21 |   |   |   <li><a href="">Hobby</a></li>
22 |   |   |   <li><a href="">Biodata</a></li>
23 |   |   </ul>
24 |   </nav>
25

```

```

26 <main style="height: 750px;">
27   <!--Form-->
28   <section class="form-section">
29     <h3
30       style="text-align: center; color: white; font-size: 30px; padding: 50px; background-color: rgb(32, 156, 115);"
31       Tell Me About Yourself</h3>
32     <form>
33       <div class="input">
34         <label for="name" style="display: block; text-align: center;">Name: </label>
35         <input type="text" id="name" style="width: 60%;">
36       </div>
37
38       <div class="input">
39         <label for="email">Email </label>
40         <input type="email" id="email" style="width: 60%;">
41       </div>
42
43       <div class="input">
44         <label>Gender:</label>
45         <span>
46           <input type="radio" name="Gender" value="male">
47           <label>Male</label>
48
49           <input type="radio" name="Gender" value="female">
50           <label>Female</label>
51         </span>
52       </div>
53
54       <div class="input">
55         <label>Hobbies</label>
56         <span>
57           <input type="checkbox" value="gaming">
58           <label>Gaming</label>
59           <input type="checkbox" value="driving">
60           <label>Driving</label>
61           <input type="checkbox" value="coding">
62           <label>Coding</label>
63         </span>
64       </div>
65
66       <div class="input">
67         <input type="submit" class="submit-button"
68           style="border-style: none; background-color: orange; padding: 10px; border-radius: 5px;"
69       </div>
70     </form>
71   </section>
72
73   <!--Main content-->
74   <section class="content">
75     <h2>My Hobby</h2>
76     <video controls<source src = "video.mp4" type="video/mp4"></video>
77     <article>
78       <p><span class="span-overline">Coding has always been more than just a hobby</span> for me—it's a creative outlet and a way to solve
79       real-world problems.<span class="span-underline">I enjoy the process of turning</span> ideas into functional applications, whether it's
80       building a simple website or experimenting with machine learning models. The constant evolution of
81       technology keeps me curious and<span class="span-line-through"> motivated to learn new languages, frameworks, and tools</span>. For me,
82       coding is like solving a puzzle—each bug fixed and feature completed brings a sense of
83       accomplishment and joy.</p>
84     </article>
85   </section>
86 </main>
87
88 <!--Footer-->
89 <footer>
90   <address>
91     &copy; Syamil Bin Md Noor
92     Contact me: <a href="mailto:576064@ocean.utm.edu.my">576064@ocean.utm.edu.my</a>
93     <a href="https://mynemov3.utm.edu.my/mynemov3/login">More Info</a>
94   </address>
95 </footer>
96
97 </body>
98
99 </html>

```

Output

My Website

The best website in the world

[Home](#) [Hobby](#) [Bio data](#)

Tell Me About Yourself

Name:

Email:

Gender: ☒ Male ☐ Female

Hobbies ☐ Gaming ☐ Driving ☐ Coding

My Hobby

0:00 / 2:35



Coding has always been more than just a hobby for me—it's a creative outlet and a way to solve real-world problems. I enjoy the process of turning ideas into functional applications, whether it's building a simple website or experimenting with machine learning models. The constant evolution of technology keeps me curious and motivated to learn new languages, frameworks, and tools. For me, coding is like solving a puzzle—each bug fixed and feature completed brings a sense of accomplishment and joy.

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