WEB – BASED INTERFACE DESIGN

(CSF3133)

Lab Report 4

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Matrix: S75415

Date: 12 NOVEMBER 2025

Group: K4

Programme: Computer Science (Software Engineering)

LAB MODULE 4

4.2 Page Structure Elements

Ini adalah header. Gambar juga boleh diletkkan disini.

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
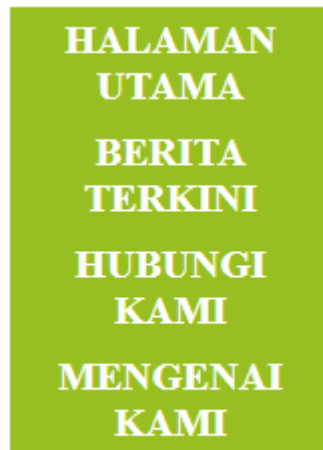

4.4 Cascading Style Sheets

Hello UMT!

4.5 Recognize ID and Selector Class

1. Hello UMT!

4.

Tajuk

Perenggan

4.6 Navigation Bar Using CSS

4.7 Recognize Text Decoration

4.8 Recognize Styling Links

Ini adalah pautan

Ini adalah pautan

Ini adalah pautan

Ini adalah pautan

4.9 Lab Exercise 4

1. lab4.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Lab Exercise 4 Webpage</title>

    <link rel="stylesheet" href="style.css">

    <style>
        /* Applied internal CSS for a unique style on the h1 element */
        h1 {
            letter-spacing: 2px;
            font-size: 2.2em;
        }
    </style>
</head>
<body>
    <header>
        <h1>My Colorful Responsive Webpage</h1>

        <nav>
            <ul>
                <li><a href="#media-section">Video</a></li>
                <li><a href="#form-section">Contact Form</a></li>
                <li><a href="#about-section">About</a></li>
            </ul>
        </nav>
    </header>
<section id="about-section">
            <h2>About Me</h2>
            <article>
                <p>Welcome to my website, here some thing that i love and it is all about me.</p>
```

```html
                <p>Terima kasih kerana melihat projek saya! Anda boleh cuba mengisi borang di bawah untuk menghantar maklum balas.</p>
            </article>
        </section>
    <main>
        <section id="media-section">
            <h2>3. Video </h2>
            <figure>
                <video width="640" height="360" controls poster="">
                    <source src="A love so beautiful.mp4" type="video/mp4">
                    <track kind="captions" src="captions.vtt" srclang="en" label="English Captions">
                    Your browser does not support the video tag.
                </video>
            </figure>
        </section>

        <section id="form-section">
            <h2>5. Interactive Elements</h2>

            <form action="#" method="POST" class="styled-form">
                <article>
                    <div><label for="name">Name:</label><input type="text" id="name" name="user_name" required></div>
                    <div><label for="email">Email:</label><input type="email" id="email" name="user_email" required></div>
                    <fieldset>
                        <legend>Gender:</legend>
                        <input type="radio" id="male" name="gender" value="male" required><label for="male">Male</label>
                        <input type="radio" id="female" name="gender" value="female"><label for="female">Female</label>
                    </fieldset>
                    <fieldset>
                        <legend>Favorite Hobbies:</legend>
                        <input type="checkbox" id="read" name="hobby" value="reading"><label for="read">Reading</label>
                        <input type="checkbox" id="cook" name="hobby" value="cooking"><label for="cook">Cooking</label>
                        <input type="checkbox" id="Watching Drama" name="hobby"
value="Watching Drama"><label for="Watching Drama">Watching Drama</label>
```

```
                                </fieldset>
                                <button type="submit">Submit</button>
                        </article>
                </form>
        </section>
    <footer>
        <p><i>&copy;2025 AinNazirah. Simple Styling.</i></p>
    </footer>
  </body>
  </html>
```

2. style.html

```css
/* --- Global Styles & Layout (External CSS) --- */
* {
    box-sizing: border-box;
}

body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    /* Colorful Gradient Background: Pink, Blue, Purple combination */
    background: linear-gradient(135deg, #FFC0CB 0%, #ADD8E6 50%, #8A2BE2 100%);
    background-attachment: fixed;
}


/* Base sections for clean layout */
section, header, footer {
    padding: 20px;
    margin: 20px auto;
    max-width: 800px;
    background-color: rgba(255, 255, 255, 0.95);
    border: 1px solid #ccc;
    border-radius: 8px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
}

/* --- 4. Apply CSS Styling: Text Decoration on Headings and Links --- */
h2 {
    color: #555;
    text-decoration: underline;
}
```

```css
/* --- 2. Navigation Bar Styling --- */
nav ul {
    list-style: none;
    padding: 0;
    margin: 0;
    display: flex;
    justify-content: space-around;
    background-color: #333;
}

nav li a {
    display: block;
    padding: 10px 15px;
    text-decoration: none;
    text-decoration: underline;
    color: #ADD8E6;
    transition: background-color 0.2s, color 0.2s;
}

/* --- 4. Apply CSS Styling: Interactive Link States (Required Combination) --- */

/* 1. :hover (Pink) */
nav li a:hover {
    background-color: #FFC0CB;
    color: #333;
    text-decoration: overline;
}

/* 2. :visited (Purple) */
nav li a:visited {
    color: #8A2BE2;
    text-decoration: underline;
}
```

```css
/* 3. :active (Vibrant Blue) */
nav li a:active {
    background-color: #4169E1;
    color: white;
    text-decoration: none;
}

/* --- 3. Insert Media: Video Styling --- */
video {
    max-width: 100%;
    height: auto;
    display: block;
    margin: 15px auto;
    border: 3px solid #4169E1;
    border-radius: 4px;
}

/* --- 5. Interactive Elements: Simple Form Styling --- */
.styled-form {
    max-width: 500px;
    margin: 20px auto;
    padding: 20px;
    border: 1px solid #ccc;
    background-color: #5a9ab8

}

input[type="text"],
input[type="email"] {
    width: 100%;
    padding: 8px;
    margin-bottom: 10px;
    border: 1px solid #ddd;
    border-radius: 3px;
}
```

```css
button[type="submit"] {
    padding: 10px 15px;
    background-color: #4169E1;
    color: white;
    border: none;
    border-radius: 3px;
    cursor: pointer;
}

/* --- Responsive Design (Media Query) --- */
@media (max-width: 600px) {
    nav ul {
        flex-direction: column;
    }
    nav li a {
        text-align: center;
        border-bottom: 1px solid #555;
    }
}
```
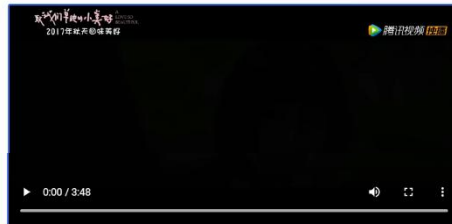
My Colorful Responsive Webpage

About Me

Welcome to my website, here some thing that i love and it is all about me.

Terima kasih kerana melihat projek saya! Anda boleh cuba mengisi borang di bawah untuk menghantar maklum balas.

3. Video

0:00 / 3:48

5. Feedback Form

Name:

Email:

Gender:
○ Male ○ Female

Favorite Hobbies:
☐ Reading ☐ Cooking ☐ Watching Drama

Submit