WEB-BASED INTERFACE DESIGN

(CSF3133)

LAB REPORT 3

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Date: 5/11/2025

Group: K4

Program: Computer Science (Software Engineering)

Lecturer: Dr. Wan Nural

Lab Module 4

4.2 Page Structure Element

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

4.3 Insert Video into HTML5 Document

4.4 Cascading Style Sheets
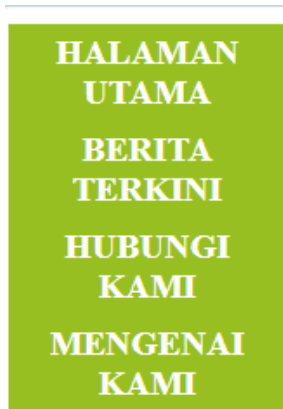
Hello UMT!

4.5 Recognize ID and Selector Class

1.

Hello UMT!

4.

Tajuk

Perenggan

4.6 Navigation Bar using CSS

HALAMAN UTAMA

BERITA TERKINI

HUBUNGI KAMI

MENGENAI KAMI

4.7 Recognizing Text Decoration

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 Safari.

4.8 Recognizing Styling Links

Ini adalah pautan

Unvisited link

Ini adalah pautan

Mouse over Link

Ini adalah pautan

Visited Link

Ini adalah pautan

Selected Link

Lab Exercise 4

```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 - Responsive Webpage</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <header>
        <h1>Welcome to Farisha's Webpage</h1>
        <nav>
            <ul>
                <li><a href="#home">Home</a></li>
                <li><a href="#media">Media</a></li>
                <li><a href="#form">Contact Form</a></li>
            </ul>
        </nav>
    </header>

    <main>
        <section id="home">
            <article>
                <h2>All about me</h2>
                <p>My name is <strong>Nur Farisha Batrisyia.</strong> <em>I am a software
engineer student.</em> I'm currently in year 2. </p>
            </article>
        </section>

        <section id="media">
            <h2>My Favourite Song</h2>
            <video width="500" height="300" controls>
                <source src="pramleesaloma.mp4" type="video/mp4">
                Your browser does not support the video tag.
            </video>
            <p><em>Caption:</em> Lagu P Ramlee Saloma by ALYPHS.</p>
        </section>
```

```html
        <section id="form">
            <h2>Tell Me About You</h2>
            <form action="#" method="post">
                <label for="name">Name:</label><br>
                <input type="text" id="name" name="name" required><br><br>

                <label for="email">Email:</label><br>
                <input type="email" id="email" name="email" required><br><br>

                <label>Gender:</label><br>
                <input type="radio" id="male" name="gender" value="Male">
                <label for="male">Male</label>
                <input type="radio" id="female" name="gender" value="Female">
                <label for="female">Female</label><br><br>

                <label>Favorite Hobbies:</label><br>
                <input type="checkbox" id="reading" name="hobby" value="Reading">
                <label for="reading">Reading</label>
                <input type="checkbox" id="gaming" name="hobby" value="Gaming">
                <label for="gaming">Gaming</label>
                <input type="checkbox" id="travel" name="hobby" value="Travel">
                <label for="travel">Travel</label><br><br>

                <button type="submit">Submit</button>
            </form>
        </section>
    </main>

    <footer>
        <p>&copy; 2025 Farisha's Webpage. All rights reserved.</p>
    </footer>
</body>
</html>
```

```css
/* ===== General Page Style ===== */
body {
    font-family: 'Segoe UI', Arial, sans-serif;
    margin: 0;
    padding: 0;
    background: linear-gradient(90deg, #3498db, #e056fd, #8e44ad);
    color: #2c3e50;
}

/* ===== Header & Navigation ===== */
header {
    background: linear-gradient(90deg, #ff96f5, #8e44ad);
    color: white;
    text-align: center;
    padding: 25px 0;
    box-shadow: 0 3px 10px rgba(0,0,0,0.2);
}

header h1 {
    margin: 0;
    text-decoration: underline;
    letter-spacing: 1px;
}

nav ul {
    list-style: none;
    padding: 0;
    margin-top: 15px;
}

nav ul li {
    display: inline-block;
    margin: 0 15px;
}
```

```css
nav ul li a {
    text-decoration: none;
    color: white;
    font-weight: bold;
    font-size: 17px;
    padding: 8px 15px;
    border-radius: 5px;
    transition: all 0.3s ease;
}

/* ===== Link States ===== */
nav ul li a:hover {
    background-color: #2980b9;
    color: #f1c40f;
    text-decoration: underline;
    transform: scale(1.1);
}

nav ul li a:visited {
    color: #d1e0ff;
}

nav ul li a:active {
    color: #ff6600;
}

/* ===== Main Content ===== */
main {
    padding: 20px;
}

section {
    margin-bottom: 40px;
    background: #ffffff;
    padding: 25px;
    border-radius: 15px;
    box-shadow: 0 3px 8px rgba(0,0,0,0.1);
    transition: 0.3s;
}
```

```css
section:hover {
    transform: translateY(-3px);
    box-shadow: 0 5px 12px rgba(0,0,0,0.2);
}

section h2 {
    text-decoration: overline;
    color: #34495e;
}

video {
    display: block;
    margin: 15px auto;
    border-radius: 10px;
    max-width: 100%;
    height: auto;
    box-shadow: 0 3px 8px rgba(0,0,0,0.2);
}

/* ===== Form Styling ===== */
form {
    background: linear-gradient(135deg, #e3f2fd, #bbdefb);
    padding: 20px;
    border-radius: 10px;
    width: 320px;
    margin: auto;
    box-shadow: 0 3px 8px rgba(0,0,0,0.2);
}

label {
    font-weight: bold;
}
```

```css
input[type="text"],
input[type="email"] {
    width: 100%;
    padding: 8px;
    margin-top: 5px;
    border: 1px solid #ccc;
    border-radius: 5px;
}

input[type="radio"],
input[type="checkbox"] {
    margin-right: 5px;
}

button {
    background-color: #a896ff;
    color: white;
    border: none;
    padding: 10px;
    width: 100%;
    border-radius: 8px;
    cursor: pointer;
    font-size: 16px;
    font-weight: bold;
    transition: 0.3s;
}

button:hover {
    background-color: #2980b9;
    transform: scale(1.05);
}
```

```css
/* ===== Footer ===== */
footer {
    text-align: center;
    padding: 15px;
    background-color: #2c3e50;
    color: white;
    text-decoration: line-through;
}

/* ===== Responsive Design ===== */
@media (max-width: 600px) {
    nav ul li {
        display: block;
        margin: 10px 0;
    }

    form {
        width: 90%;
    }

    video {
        width: 100%;
    }

    header h1 {
        font-size: 1.5em;
    }

    main {
        padding: 10px;
    }
}
```

All about me

My name is **Nur Farisha Batrisyia.** *I am a software engineer student.* I'm currently in year 2.

My Favourite Song

Caption: Lagu P Ramlee Saloma by ALYPHS.

Tell Me About You

Name:

Email:

Gender:
○ Male ○ Female

Favorite Hobbies:
☐ Reading ☐ Gaming ☐ Travel

Submit