Web-Based Interface Design

(CSF 3133)

LAB REPORT 4

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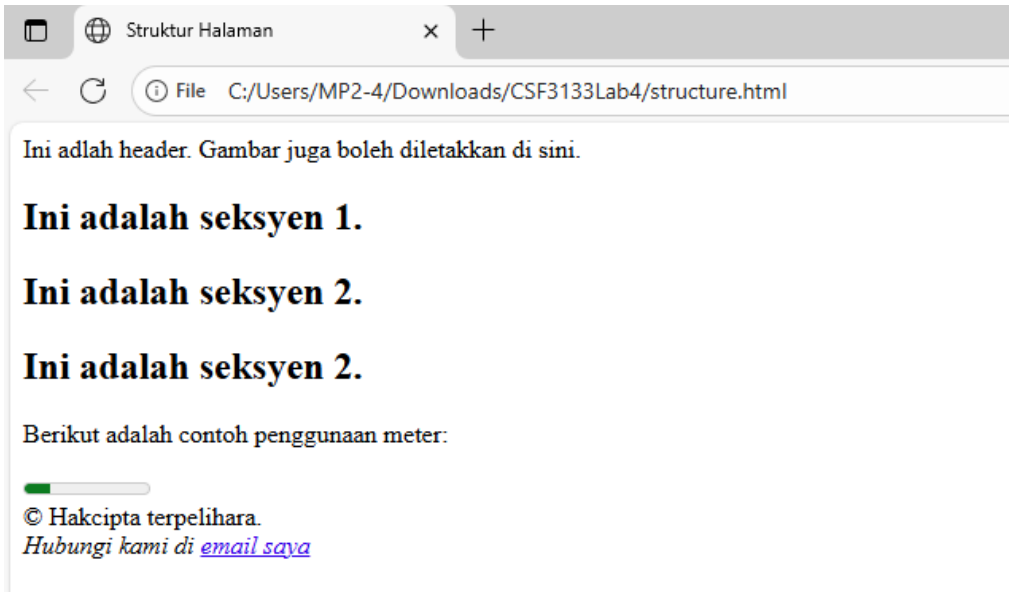
MATRIC NO: S76084

DATE: 12 November 2025

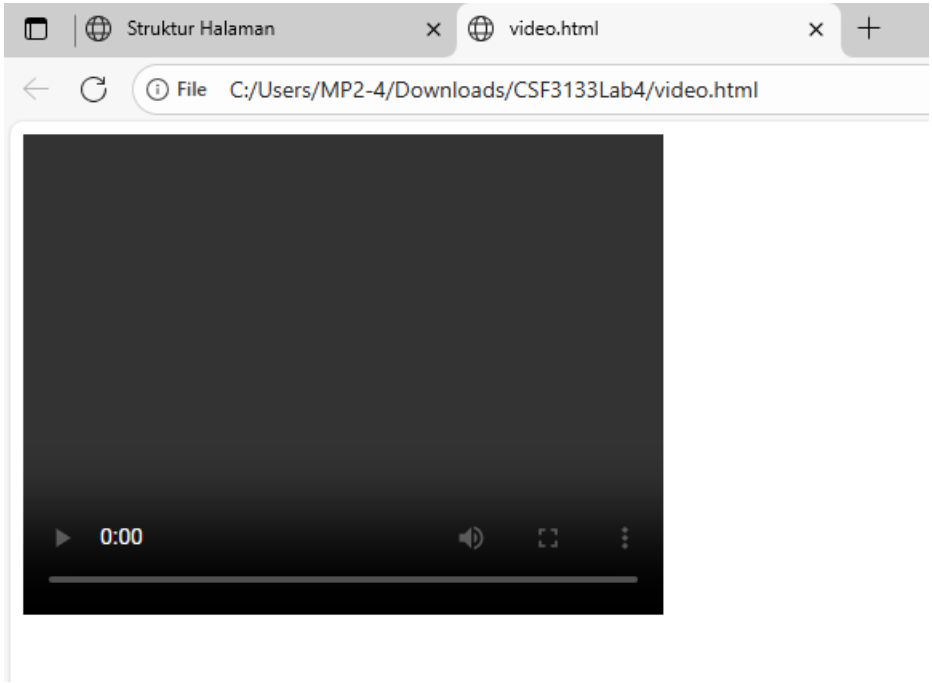
GROUP: K4

PROGRAMME: COMPUTER SCIENCE (SOFTWARE ENGINEERING)

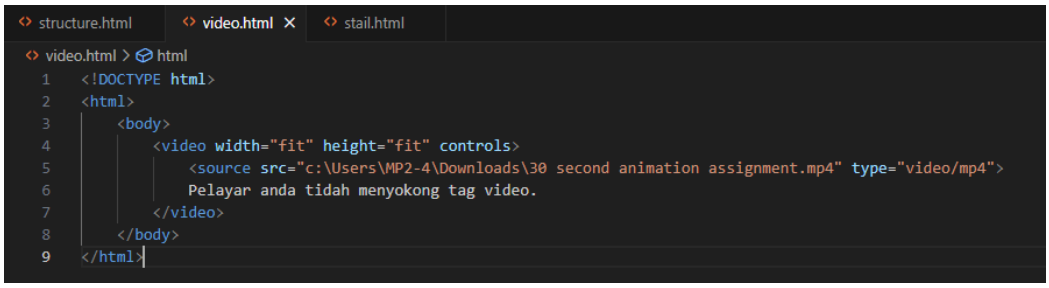
4.2 Page Structure Elements



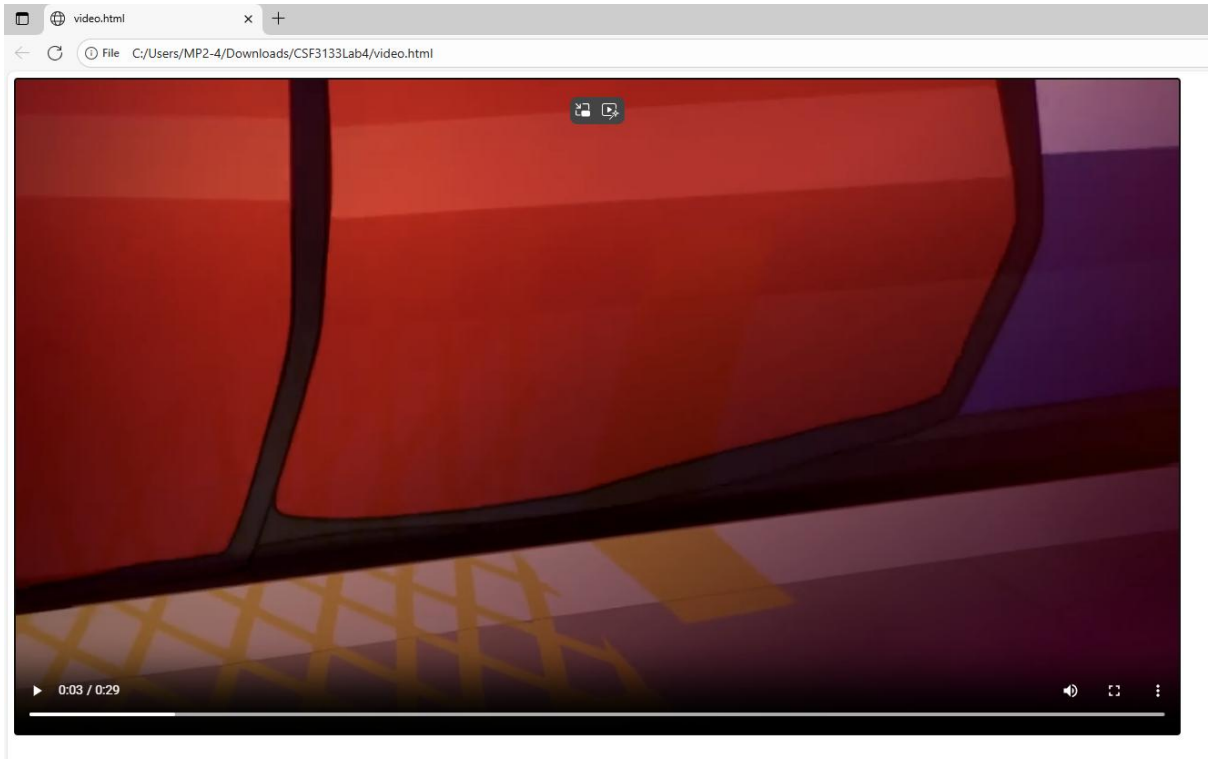
4.3 Insert Video into HTML5 Document



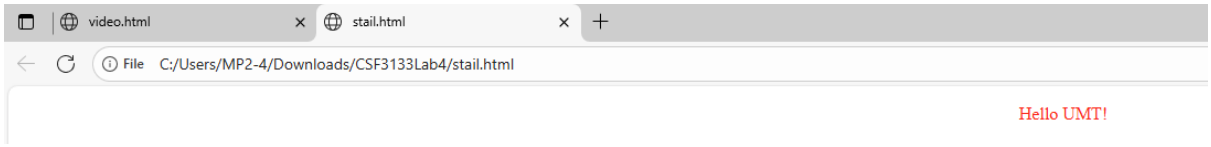
Height and width values were modified to fit the video size



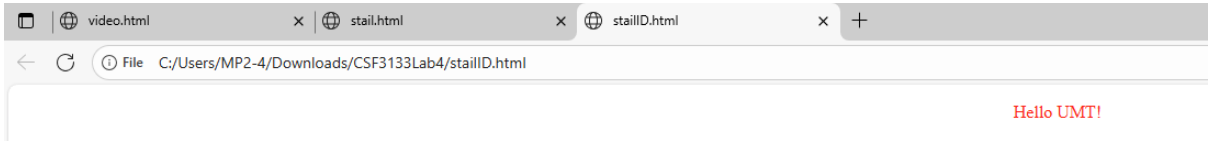
Output of the modified code

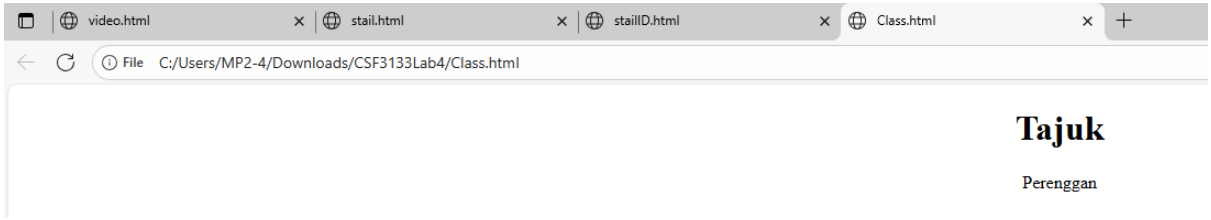


4.4 Cascading Style Sheets

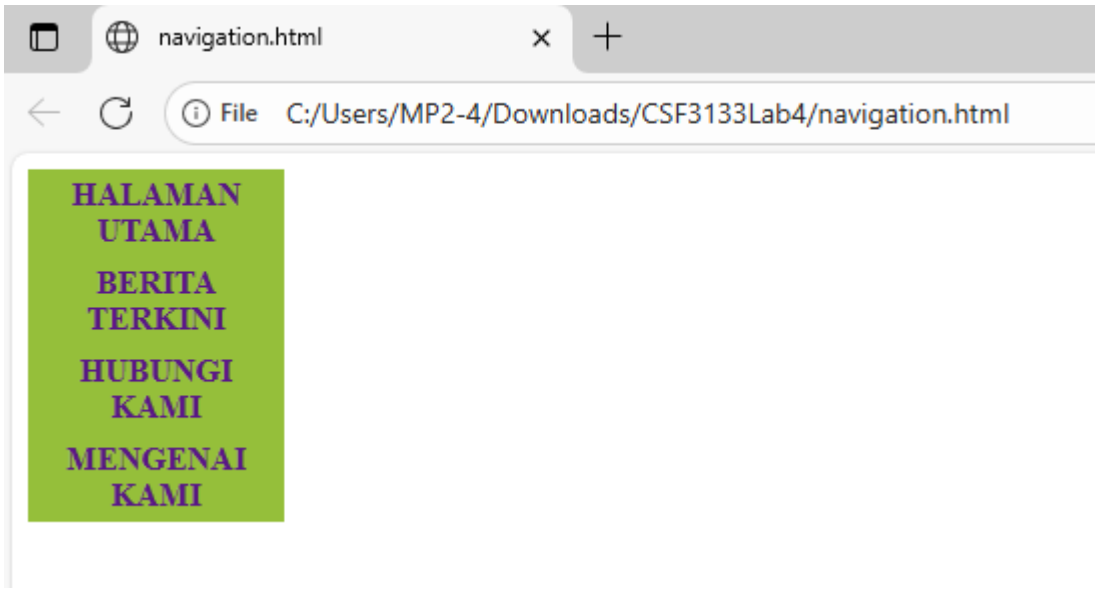


4.5 Recognize ID and Selector Class

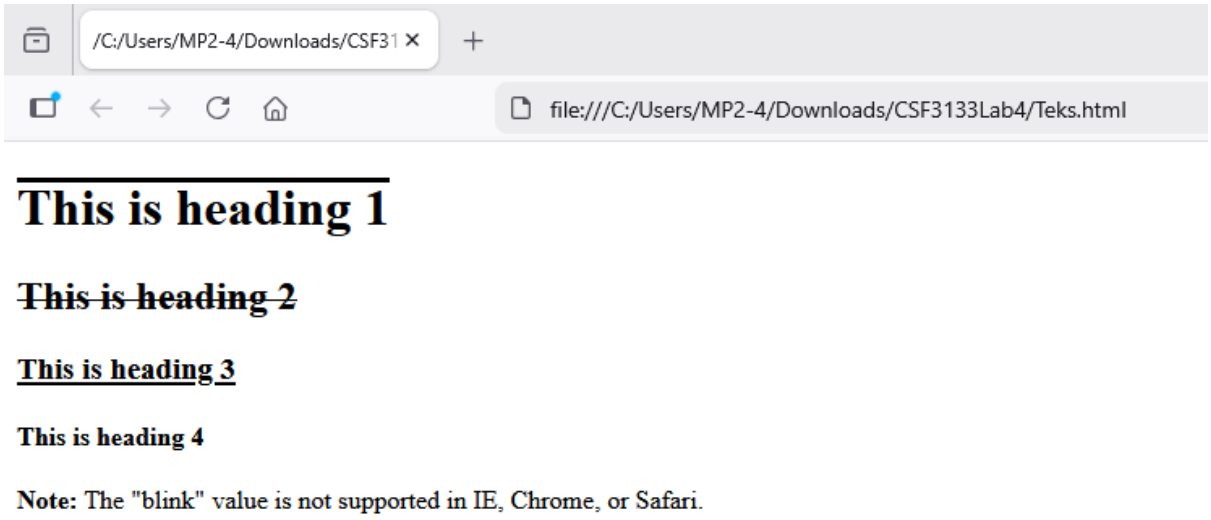




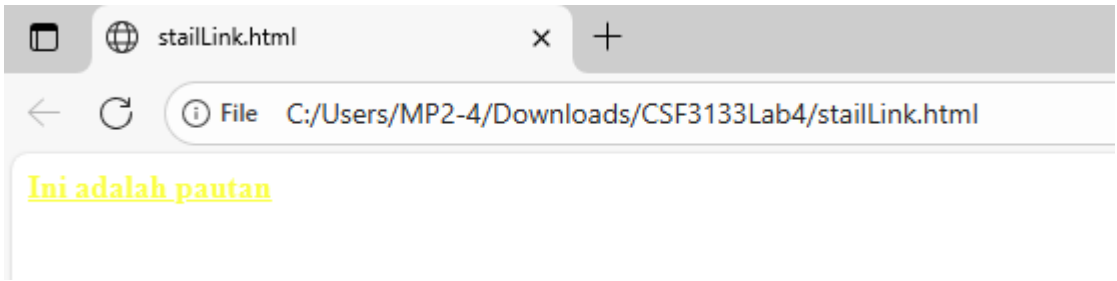
4.6 Navigation Bar Using CSS

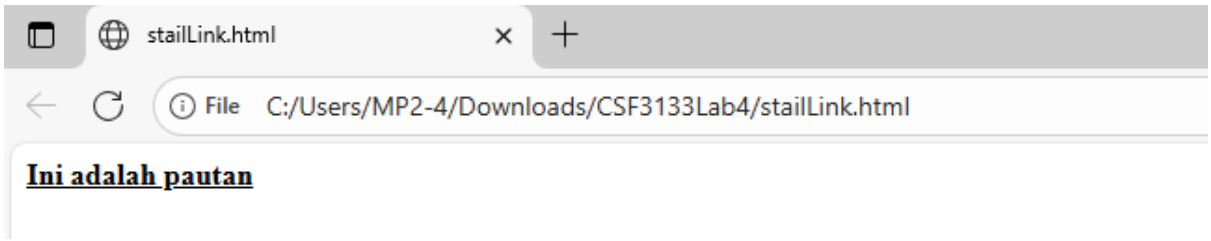


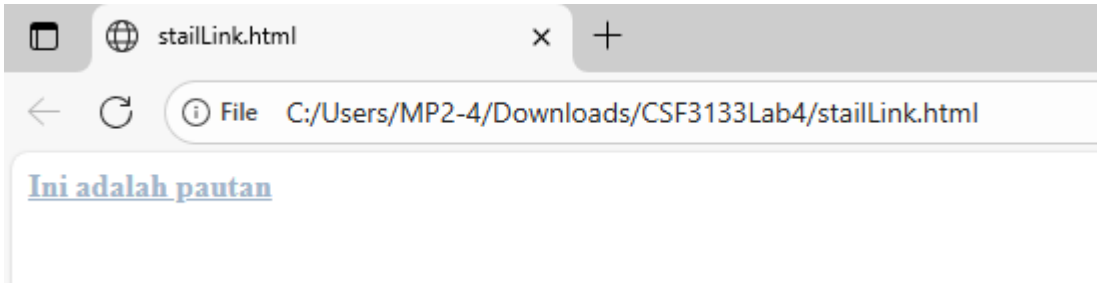
4.7 Recognizing Text Decoration

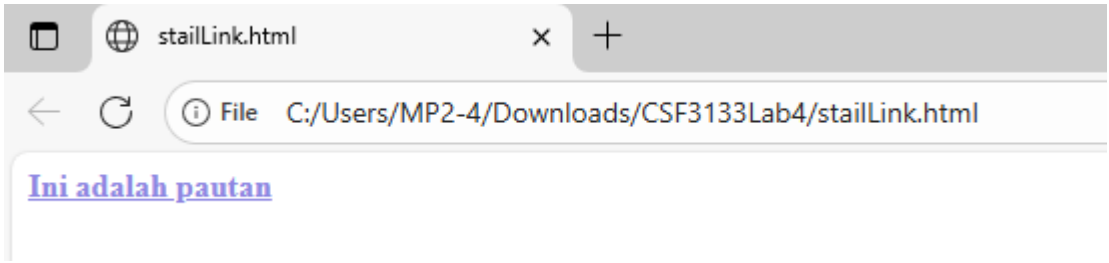


4.8 Recognizing Styling Links









4.9 Lab Exercise 4

4.9.1 Building a Responsive Webpage with HTML5 and CSS

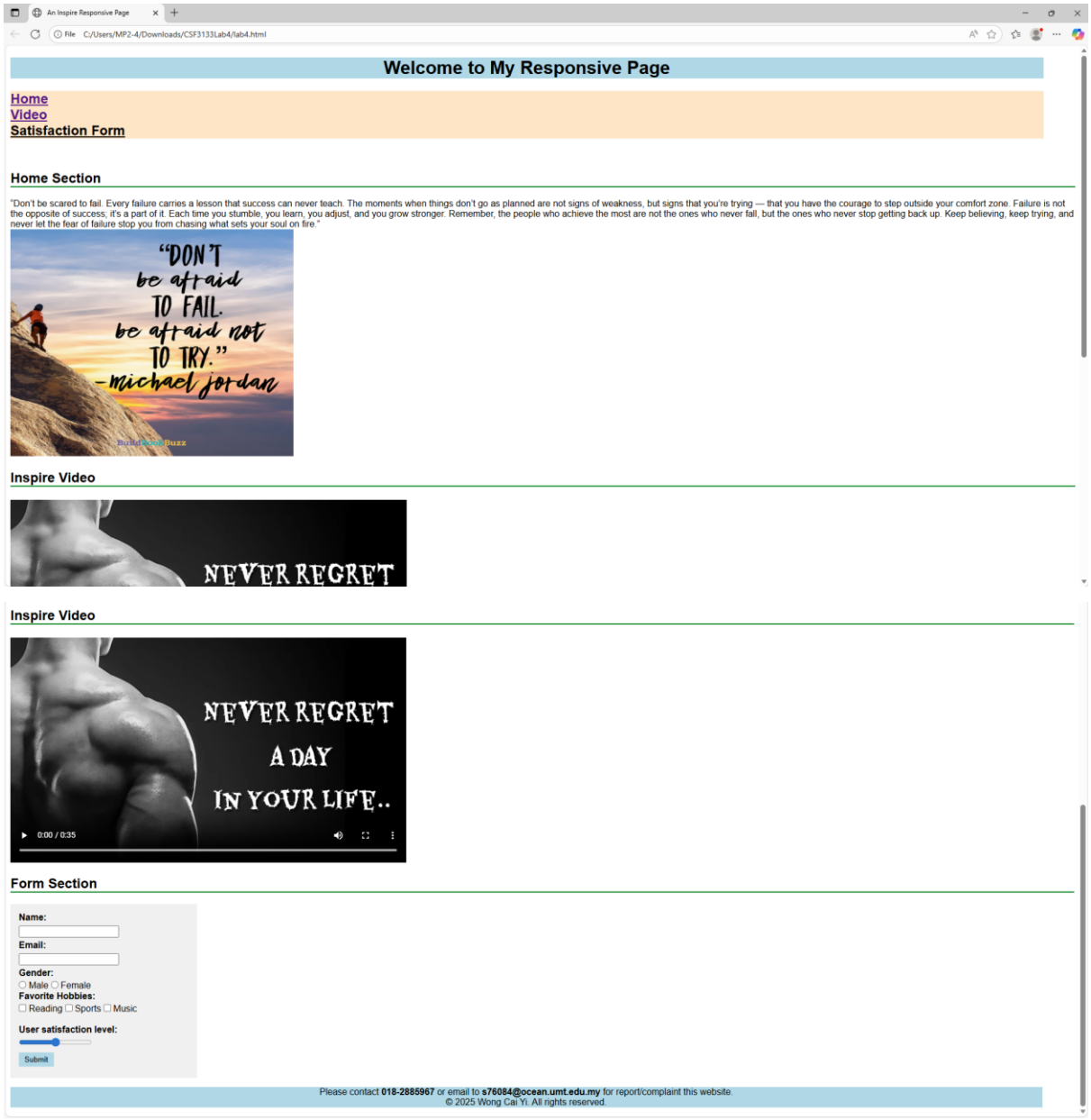
structure.html | video.html | staillD.html | Class.html | navigation.html | Teks.html

lab4.html > html > body > section#form

```
<!DOCTYPE html>
<html>
    <head>
        <meta charset = "UTF-8">
        <style type="text/css">
            ul{
                list-style-type: none;
                margin: 0;
                padding: 0;
            }
            a:link{
                display: block;
                font-weight: bold;
                width: fit-content;
                background-color: bisque;
                color: black;
                font-size: 24px;
            }
            a :visited{
                display :block;
                font-weight: bold;
                color: pink;
                background-color: #98bf21;
                width: 120px;
                text-align: center;
                padding: 4px;
                text-decoration: underline;
                text-transform: uppercase;
            }
            a :hover{
                color: rgb(197, 157, 109);
            }
            a :active{
                background-color: #7A881A;
            }

        </style>
        <style>
        body {
            font-family: Arial;
        }

        form {
            background-color: #f0f0f0;
            padding: 15px;
            width: 300px;
        }

```

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

        input {
            margin: 5px 0;
        }

        input[type="submit"] {
            background-color: lightblue;
            border: none;
            padding: 5px 10px;
            cursor: pointer;
        }

        input[type="submit"]:hover {
            background-color: deepskyblue;
        }
    </style>

        <title>An Inspire Responsive Page</title>
    </head>
    <body>
        <header><h1 style="background-color: lightblue; height: fit-content; width: 97%; text-align: center">Welcome to My Responsive Page</h1></header>
        <ul style="background-color: bisque; height: fit-content; width: 97%; text-align: center">
            <li><a href="#home">Home</a></li>
            <li><a href="#video">Video</a></li>
            <li><a href="#form">Satisfaction Form</a></li>
        </ul><br><br>

        <section id="Home">
            <h2 style="border-bottom: 2px solid green;">Home Section</h2>
            <article>“Don't be scared to fail. Every failure carries a lesson that success can never teach.
                The moments when things don't go as planned are not signs of weakness, but signs that you're
                trying – that you have the courage to step outside your comfort zone.
                Failure is not the opposite of success; it's a part of it.
                Each time you stumble, you learn, you adjust, and you grow stronger.
                Remember, the people who achieve the most are not the ones who never fall, but the ones
                who never stop getting back up. Keep believing, keep trying, and never let the fear
                of failure stop you from chasing what sets your soul on fire.”</article>
            <img src="https://buildbookbuzz.com/wp-content/uploads/2020/02/Michael-Jordan-quote.png" alt="Inspire Quote" width="500" height="400">
        </section>

        <section id="video">
```

```
            <h2 style="border-bottom: 2px solid green;">Inspire Video</h2>
            <video width="700" height="400" controls>
            <source src="c:\Users\MP2-4\Downloads\30Sec.mp4" type="video/mp4">
        </video>
        </section>

        <section id="form">
            <h2 style="border-bottom: 2px solid green;">Form Section</h2>
            <form>
                <label>Name:</label><br>
                <input type="text" name="name"><br>

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

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

                <label>Favorite Hobbies:</label><br>
                <input type="checkbox" name="hobby" value="reading"> Reading
                <input type="checkbox" name="hobby" value="sports"> Sports
                <input type="checkbox" name="hobby" value="music"> Music<br><br>

                <label>User satisfaction level:</label>
                <input type="range" name="satisfactionlevel">
                <br>

                <input type="submit" value="Submit">
            </form>
        </section>

        <div style="background-color: lightblue; height: fit-content; width: 97%; text-align: center">
            <footer>
                <p>Please contact <strong>018-2885967</strong> or email to <strong>s76084@ocean.umt.edu.my</strong>
                for report/complaint this website. <br>
                &copy; 2025 Wong Cai Yi. All rights reserved.
                </p>
            </footer>
        </div>
    </body>
</html>
```


An Inspire Responsive Page
File C:/Users/MP2-4/Downloads/CSF3133Lab4/lab4.html
Welcome to My Responsive Page
Home
Video
Satisfaction Form
Home Section
"Don't be scared to fail. Every failure carries a lesson that success can never teach. The moments when things don't go as planned are not signs of weakness, but signs that you're trying — that you have the courage to step outside your comfort zone. Failure is not the opposite of success; it's a part of it. Each time you stumble, you learn, you adjust, and you grow stronger. Remember, the people who achieve the most are not the ones who never fall, but the ones who never stop getting back up. Keep believing, keep trying, and never let the fear of failure stop you from chasing what sets your soul on fire."
"DON'T be afraid TO FAIL. be afraid not TO TRY." -michael jordan
Inspire Video
NEVER REGRET
Inspire Video
NEVER REGRET A DAY IN YOUR LIFE..
0:00 / 0:35
Form Section
Name:
Email:
Gender:
Male Female
Favorite Hobbies:
Reading Sports Music
User satisfaction level:
Submit
Please contact 018-2885967 or email to s76084@ocean.umt.edu.my for report/complaint this website.
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