K4 CSF3123 WEB-BASED INTERFACE DESIGN

SEM 3

LAB REPORT 8:

BOOTSTRAP

PREPARED FOR:

ASSOC. PROF. TS. DR. WAN NURAL JAWAHIR

LAB ASSISTANT:

MISS WAN FATIN FATIHAH

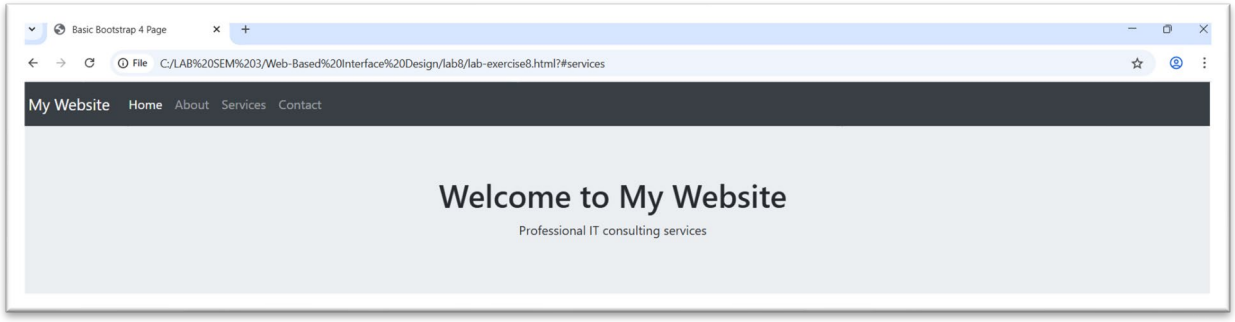
PREPARED BY:

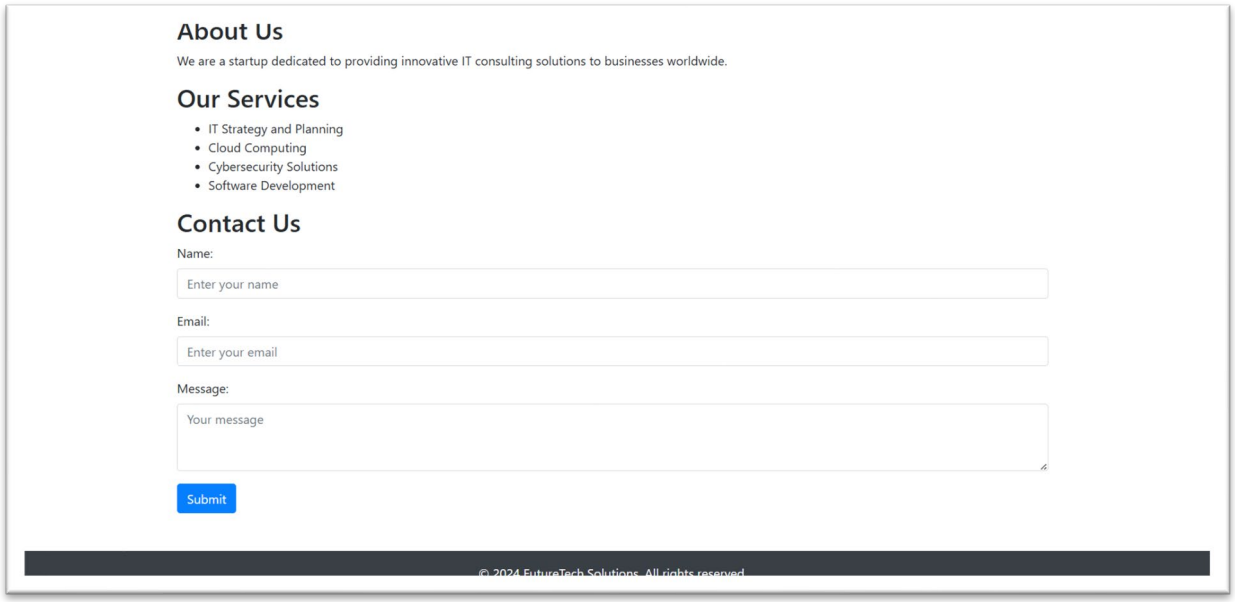
WAN NUR SYAFIQAH IZANI BINTI WAN HIZHAN

NO. MATRIC: **S75776**

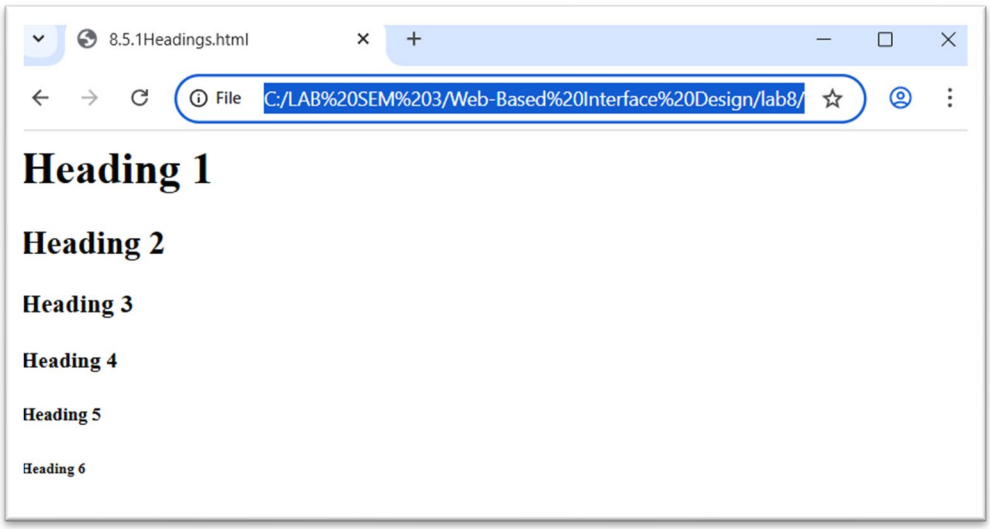
SUBMIT BY: 18/12/2025

8.3 Create First Web Page with Bootstrap

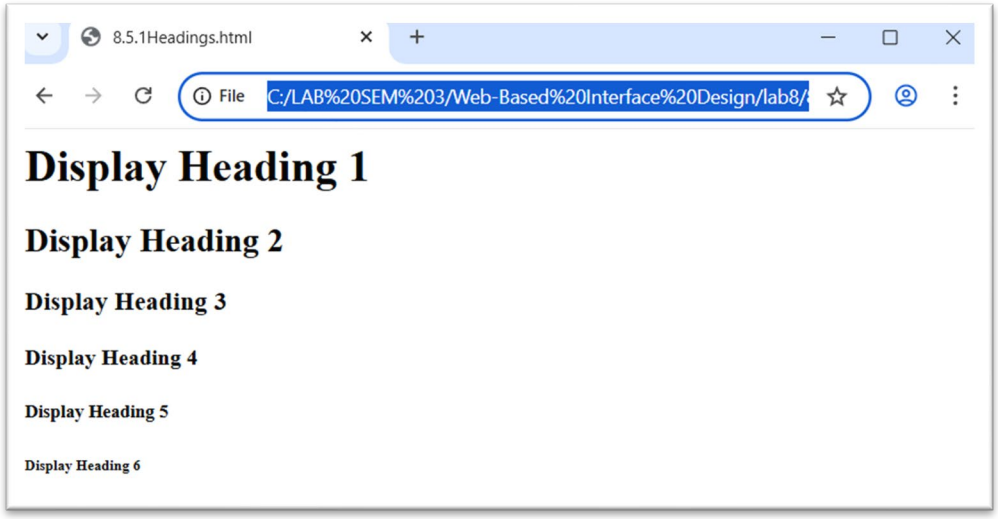




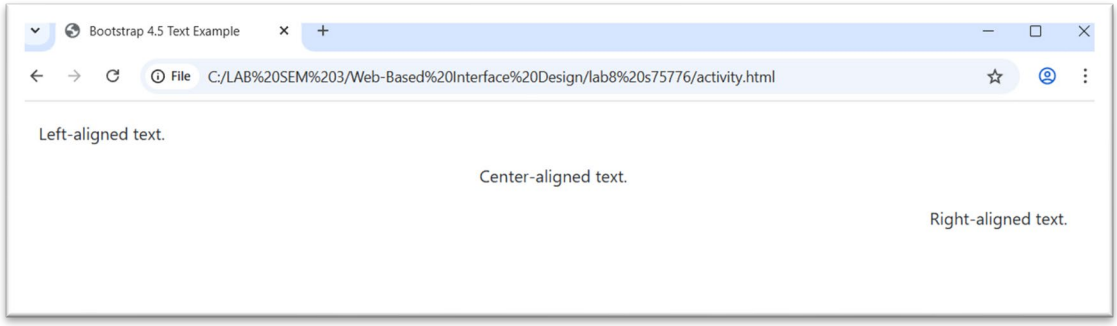
8.5.1 Headings



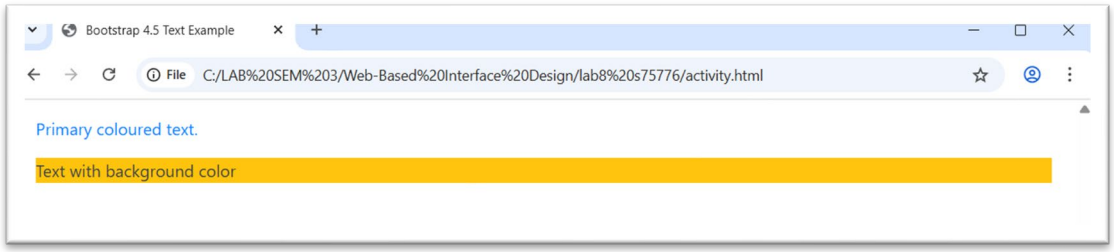
8.5.2 Display Headings



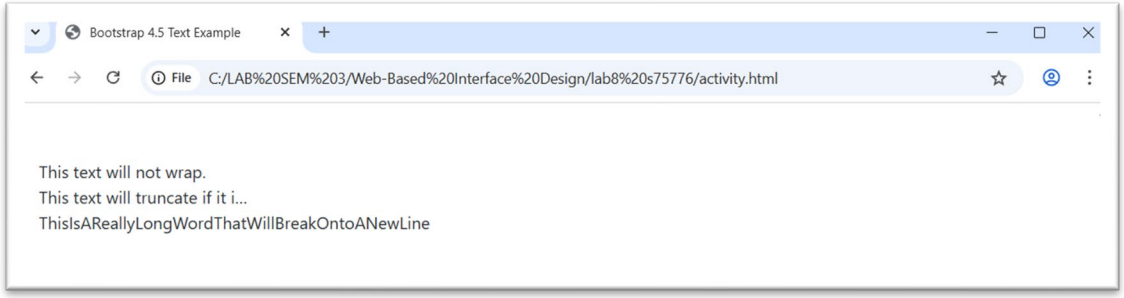
8.5.3 Inline Text Elements



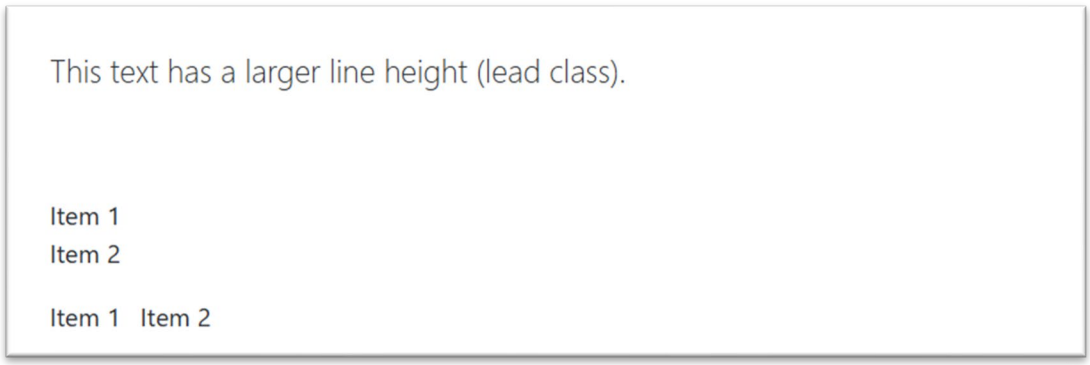
8.5.4 Text Color and Background



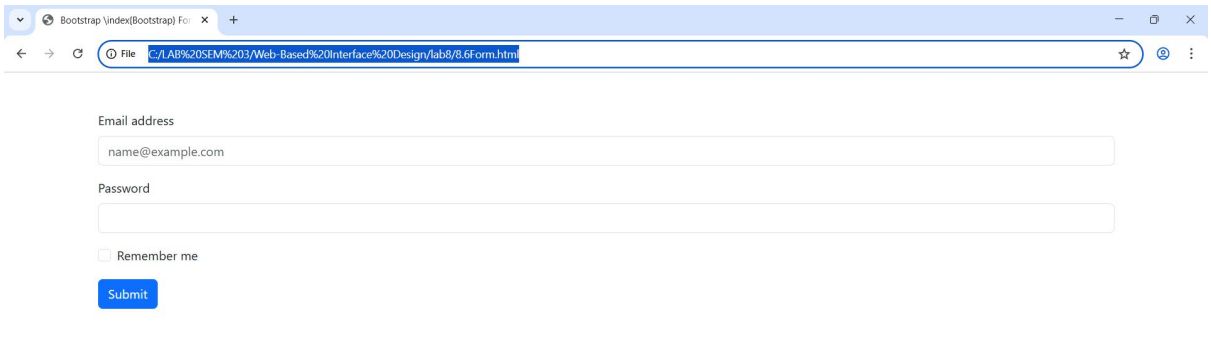
8.5.5 Text Wrapping and Overflow

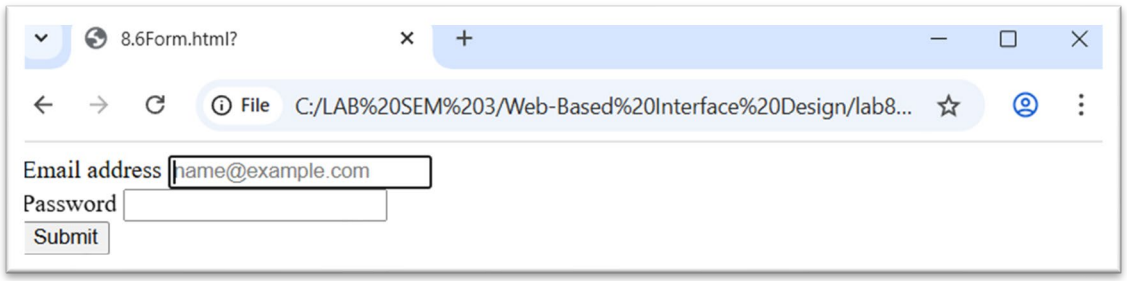


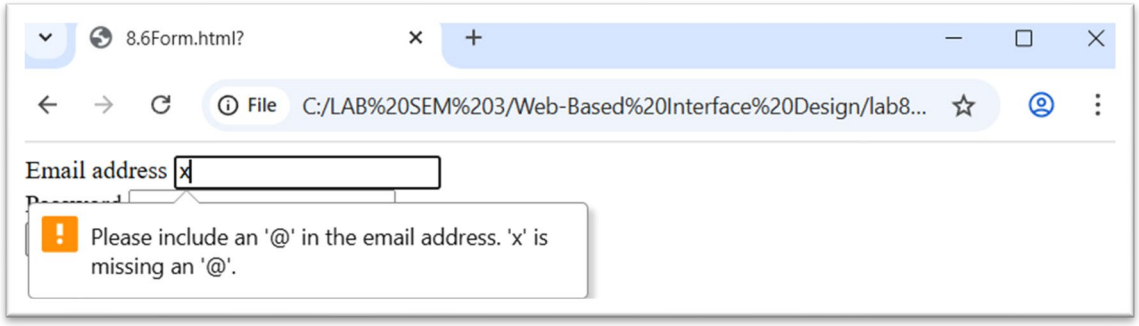
8.5.6 Font Size



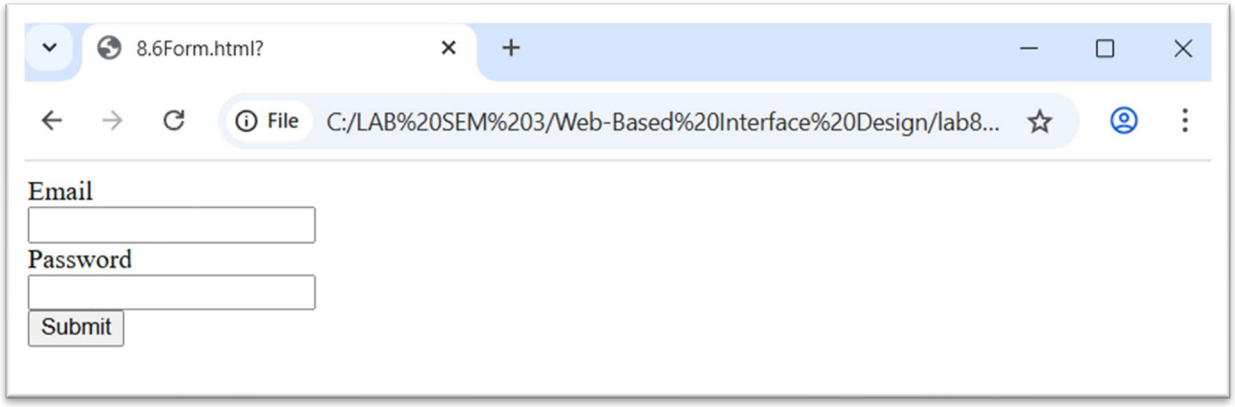
8.6.1 Basic Form Structure



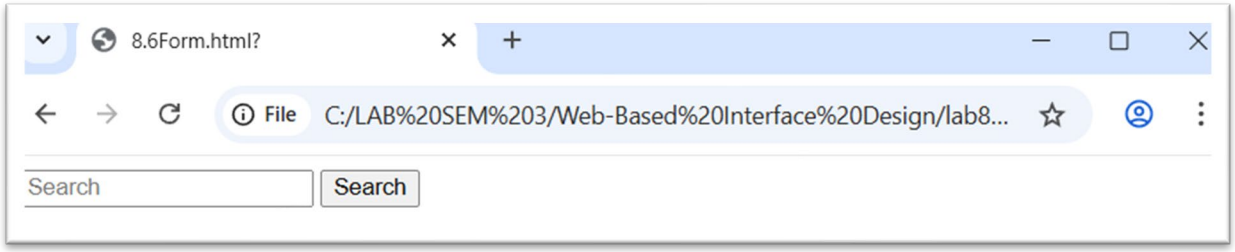



8.6Form.html?
File
C:/LAB%20SEM%203/Web-Based%20Interface%20Design/lab8...
Email address x
Please include an '@' in the email address. 'x' is missing an '@'.

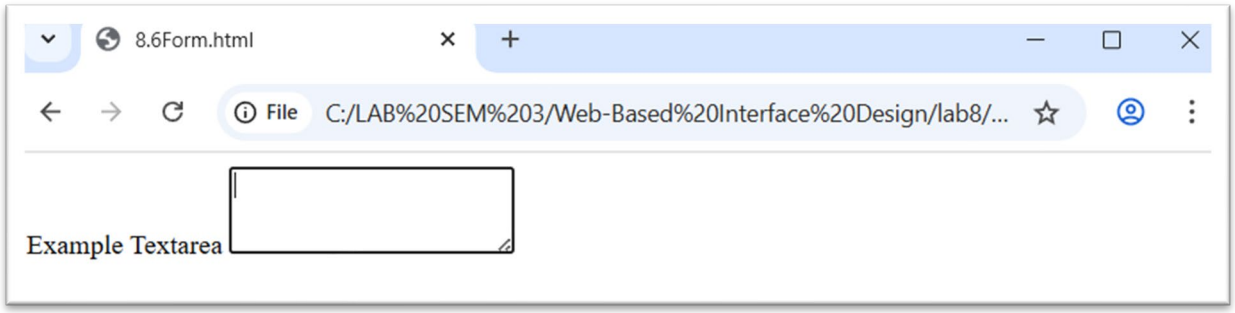
8.6.2 Form layouts



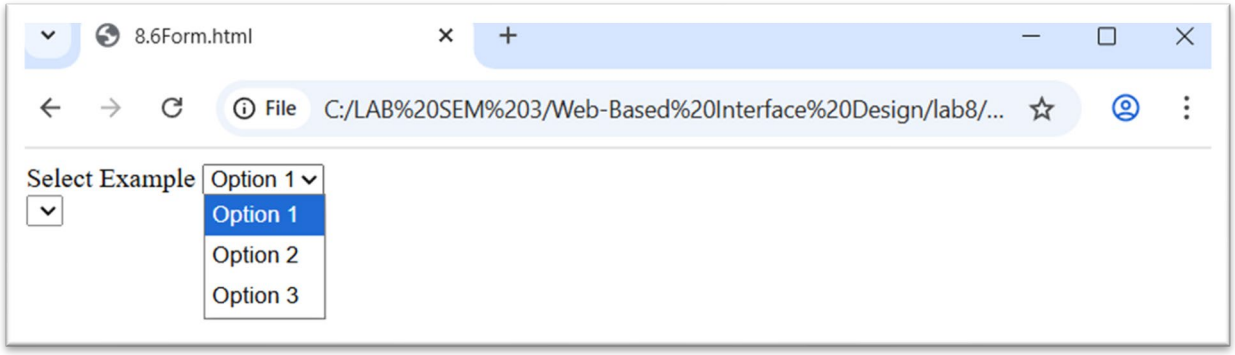
8.6.3 Inline Forms



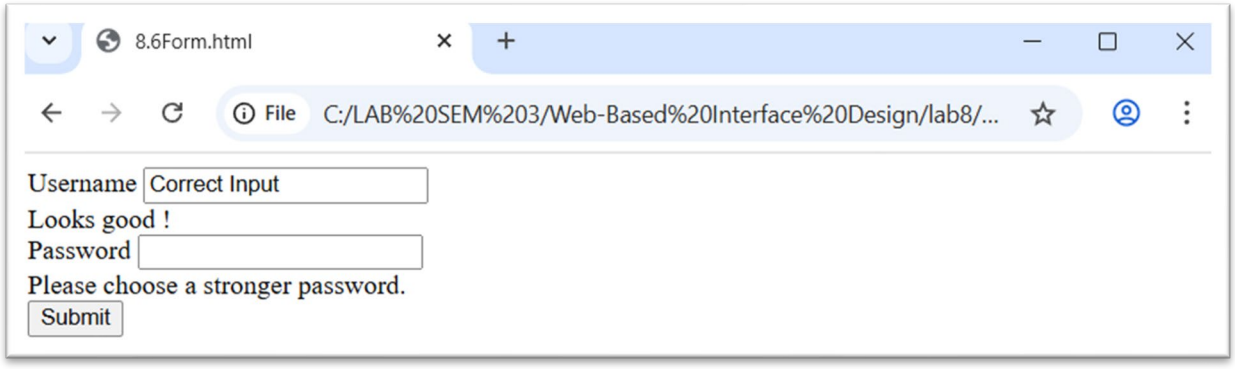
8.6.4 Form Controls



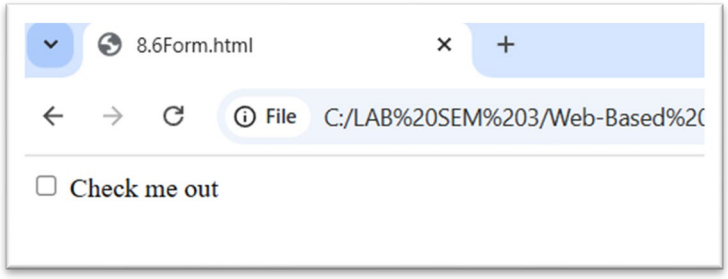
8.6.5 Select Menus

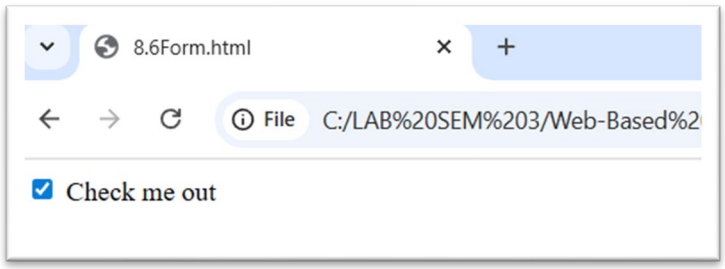


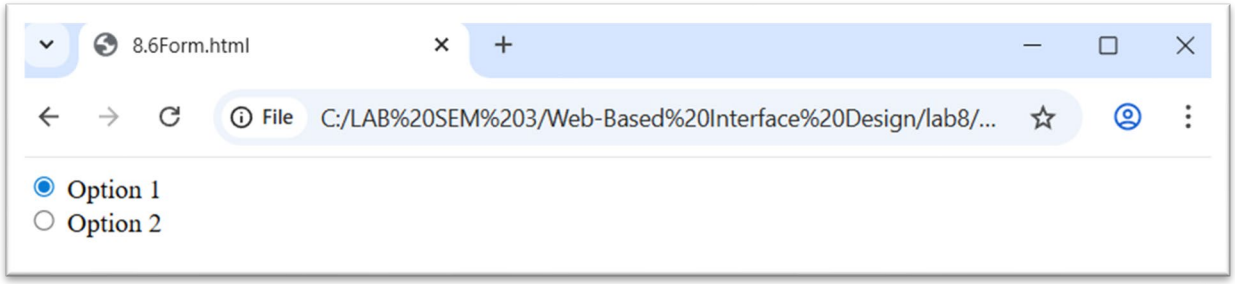
8.6.6 Form Validation



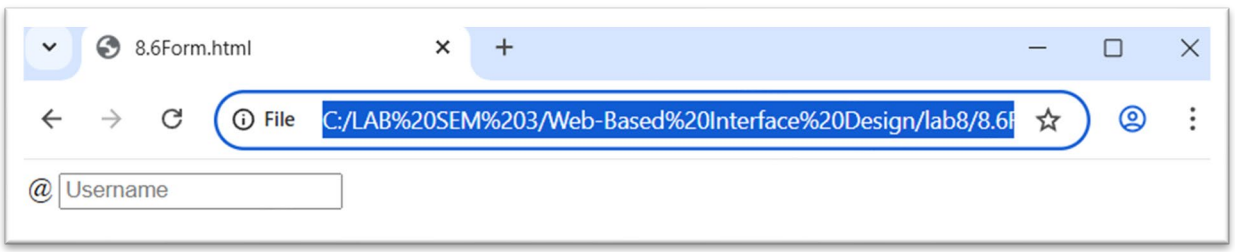
8.6.7 Checkboxes and Radios

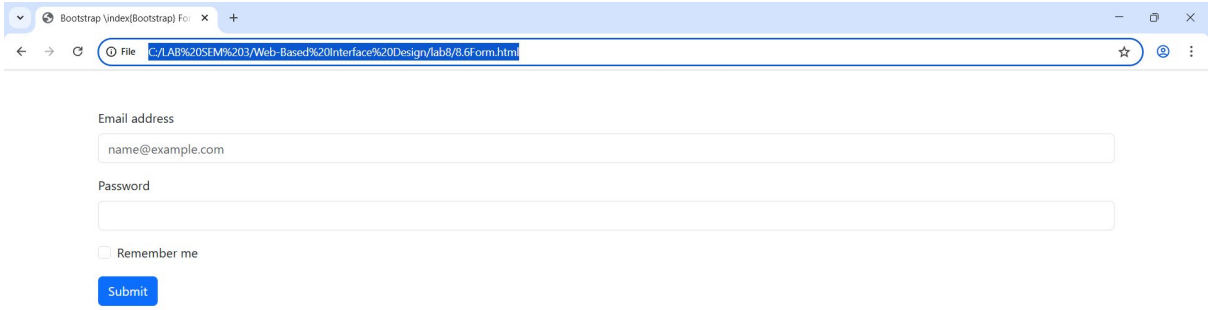




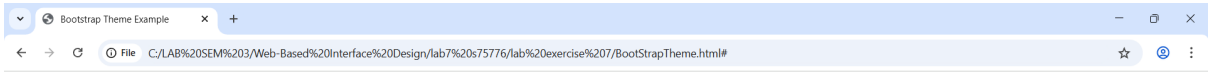


8.6.8 Input Groups





8.7



My Theme

Welcome to My Themed Website

This is an example of a page styled with a Bootstrap theme.

Welcome to My Themed Page

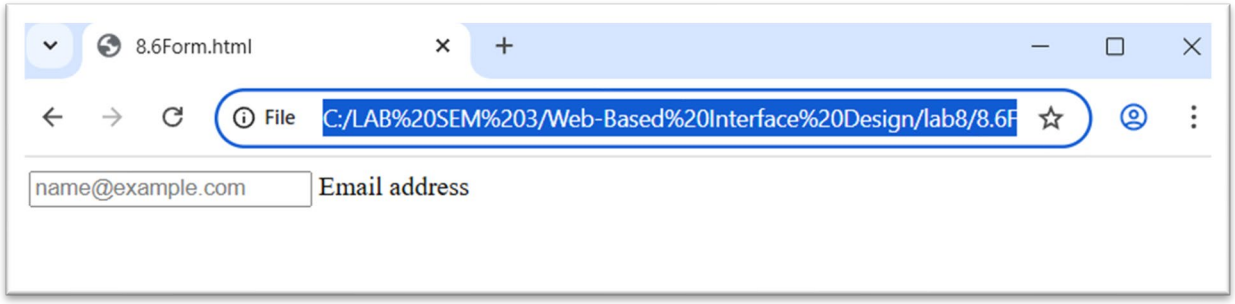
Using a Bootstrap theme

About

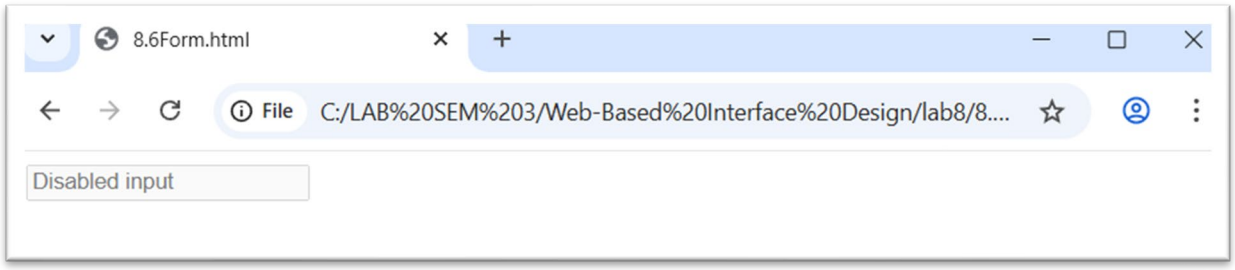
This theme gives a fresh and modern look to your website .

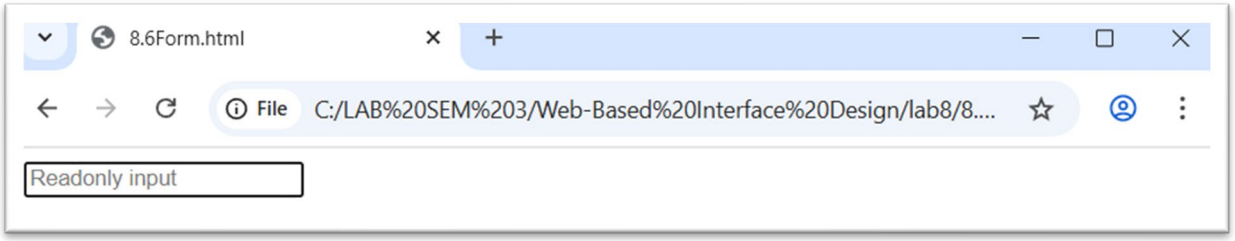
Example

8.6.9 Floating Labels

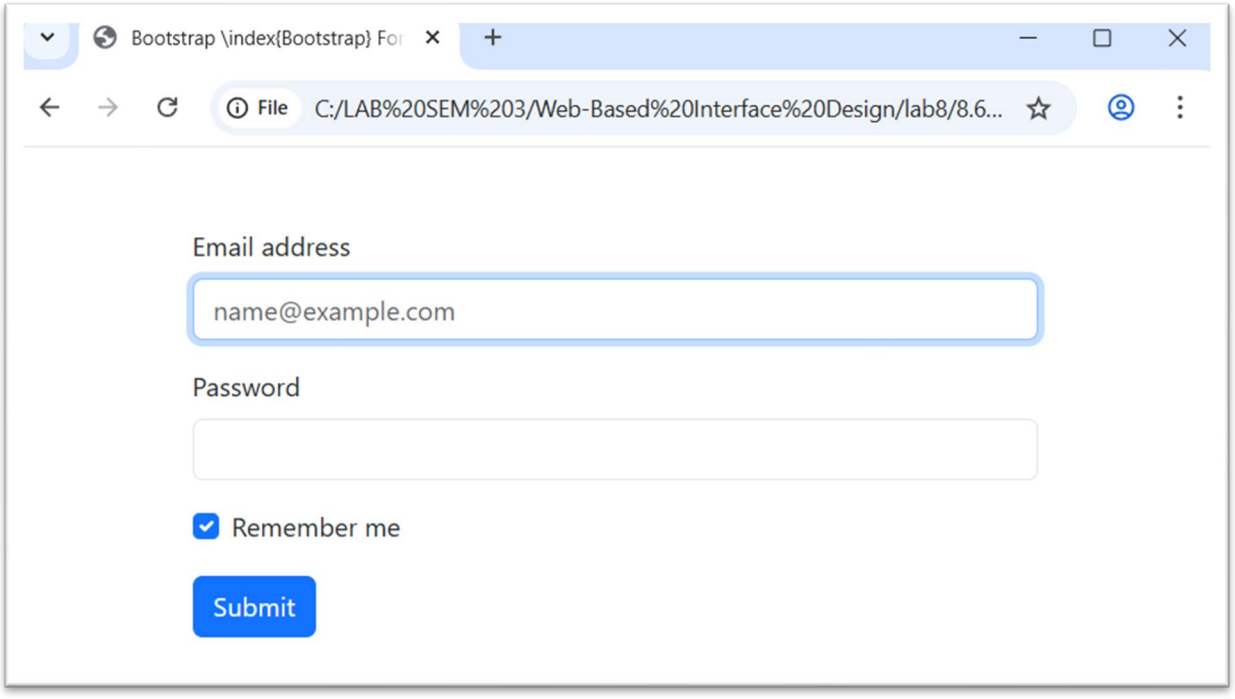


8.6.10 Disabled and Readonly Inputs

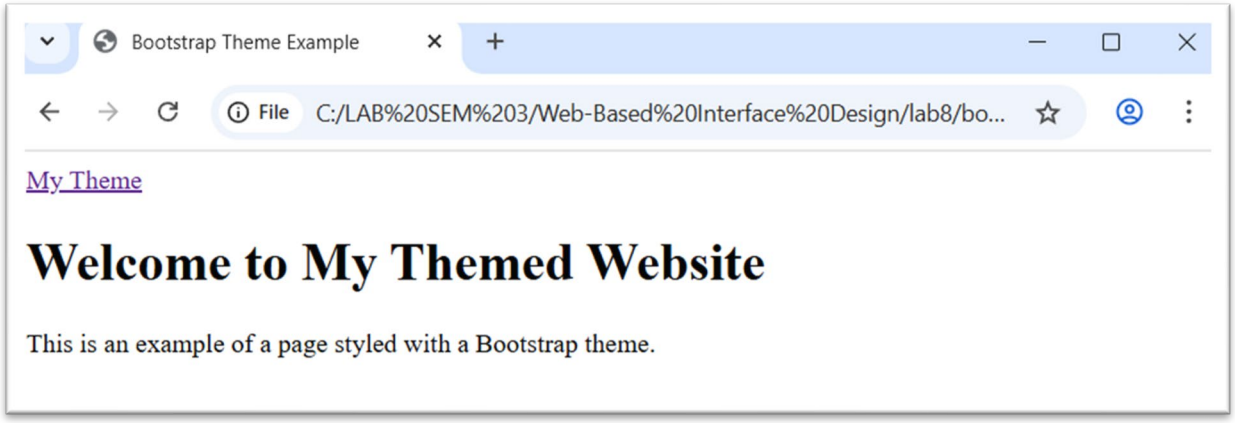




8.6.11 Example Forms



8.7 Using Bootstrap Theme

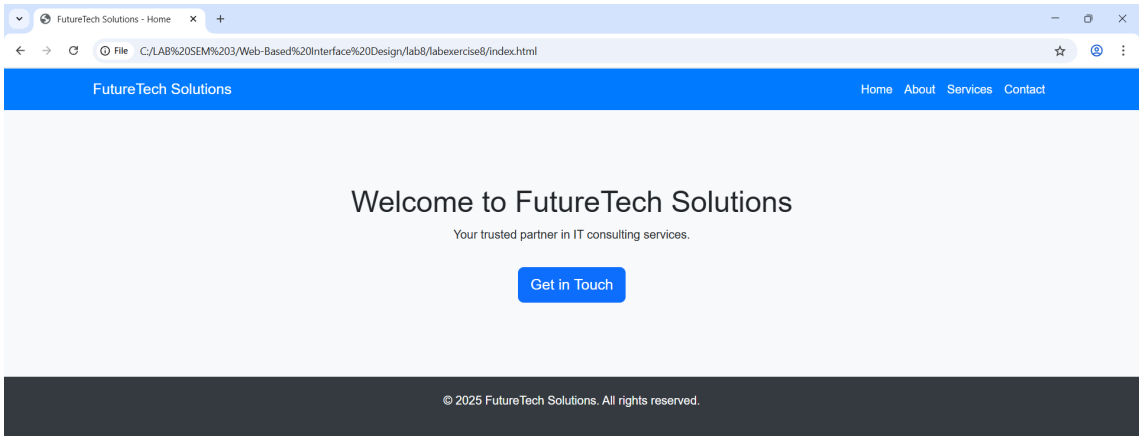


Lab Exercise

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>FutureTech Solutions - Home</title>
    <link rel="stylesheet" href="C:/LAB SEM 3/Web-Based Interface Design/lab8/labexercise8/bootstrap-5.3.8-dist/css/bootstrap.css">
    <style>
        body { font-family: Arial, sans-serif; }
        .navbar { background-color: #007bff; }
        .navbar-brand, .nav-link { color: white !important; }
        .hero-section { background: #f8f9fa; padding: 100px 0; text-align: center; }
        .footer { background: #343a40; color: white; padding: 20px 0; text-align: center; }
    </style>
</head>
<body>
    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark">
        <div class="container">
            <a class="navbar-brand" href="index.html">FutureTech Solutions</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item"><a class="nav-link active" href="index.html">Home</a></li>
                    <li class="nav-item"><a class="nav-link" href="about.html">About</a></li>
                    <li class="nav-item"><a class="nav-link" href="services.html">Services</a></li>
                    <li class="nav-item"><a class="nav-link" href="contact.html">Contact</a></li>
                </ul>
            </div>
        </div>
    </nav>

    <!-- Hero Section -->
    <section class="hero-section">
        <div class="container">
            <h1>Welcome to FutureTech Solutions</h1>
            <p>Your trusted partner in IT consulting services.</p>
            <a href="contact.html" class="btn btn-primary btn-lg mt-3">Get in Touch</a>
        </div>
    </section>

    <!-- Footer -->
    <footer class="footer">
        <div class="container">
            <p>&copy; 2025 FutureTech Solutions. All rights reserved.</p>
        </div>
    </footer>

    <script src="C:/LAB SEM 3/Web-Based Interface Design/lab8/labexercise8/bootstrap-5.3.8-dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>

```

Home page

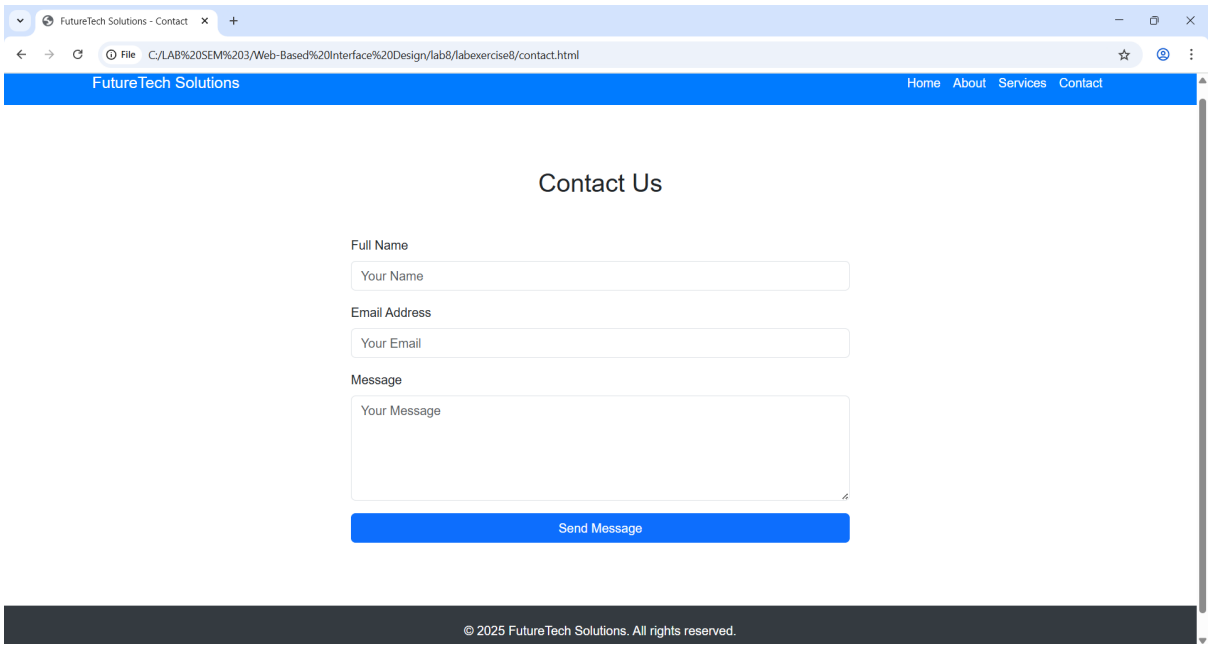


contact.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>FutureTech Solutions - Contact</title>
    <link rel="stylesheet" href="C:/LAB SEM 3/Web-Based Interface Design/lab8/labexercise8/bootstrap-5.3.8-dist/css/bootstrap.css">
    <style>
        body { font-family: Arial, sans-serif; }
        .navbar { background-color: #007bff; }
        .navbar-brand, .nav-link { color: white !important; }
        .contact-section { padding: 80px 0; }
        .footer { background: #343a40; color: white; padding: 20px 0; text-align: center; }
    </style>
</head>
<body>
    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark">
        <div class="container">
            <a class="navbar-brand" href="index.html">FutureTech Solutions</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item"><a class="nav-link" href="index.html">Home</a></li>
                    <li class="nav-item"><a class="nav-link" href="about.html">About</a></li>
                    <li class="nav-item"><a class="nav-link" href="services.html">Services</a></li>
                    <li class="nav-item"><a class="nav-link active" href="contact.html">Contact</a></li>
                </ul>
            </div>
        </div>
    </nav>
```

```html
    <!-- Contact Form Section -->
    <section class="contact-section">
        <div class="container">
            <h2 class="text-center mb-5">Contact Us</h2>
            <div class="row justify-content-center">
                <div class="col-md-6">
                    <form>
                        <div class="mb-3">
                            <label for="name" class="form-label">Full Name</label>
                            <input type="text" class="form-control" id="name" placeholder="Your Name">
                        </div>
                        <div class="mb-3">
                            <label for="email" class="form-label">Email Address</label>
                            <input type="email" class="form-control" id="email" placeholder="Your Email">
                        </div>
                        <div class="mb-3">
                            <label for="message" class="form-label">Message</label>
                            <textarea class="form-control" id="message" rows="5" placeholder="Your Message"></textarea>
                        </div>
                        <button type="submit" class="btn btn-primary w-100">Send Message</button>
                    </form>
                </div>
            </div>
        </div>
    </section>

    <!-- Footer -->
    <footer class="footer">
        <div class="container">
            <p>&copy; 2025 FutureTech Solutions. All rights reserved.</p>
        </div>
    </footer>

    <script src="C:/LAB SEM 3/Web-Based Interface Design/lab8/labexercise8/bootstrap-5.3.8-dist/js/bootstrap.bundle.min.js"></script>
</body>
```

Contact page

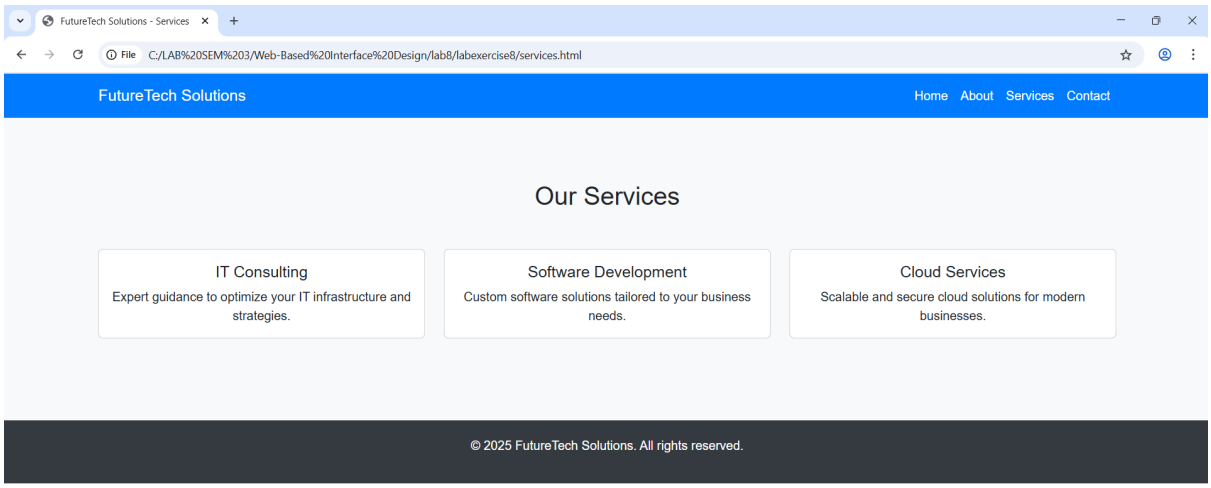


service.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>FutureTech Solutions - Services</title>
    <link rel="stylesheet" href="C:/LAB SEM 3/Web-Based Interface Design/lab8/labexercise8/bootstrap-5.3.8-dist/css/bootstrap.css">
    <style>
        body { font-family: Arial, sans-serif; }
        .navbar { background-color: #007bff; }
        .navbar-brand, .nav-link { color: white !important; }
        .services-section { padding: 80px 0; background: #f8f9fa; }
        .footer { background: #343a40; color: white; padding: 20px 0; text-align: center; }
    </style>
</head>
<body>
    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark">
        <div class="container">
            <a class="navbar-brand" href="index.html">FutureTech Solutions</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item"><a class="nav-link" href="index.html">Home</a></li>
                    <li class="nav-item"><a class="nav-link" href="about.html">About</a></li>
                    <li class="nav-item"><a class="nav-link active" href="services.html">Services</a></li>
                    <li class="nav-item"><a class="nav-link" href="contact.html">Contact</a></li>
                </ul>
            </div>
        </div>
    </nav>
```

```html
    <!-- Services Section -->
    <section class="services-section">
        <div class="container">
            <h2 class="text-center mb-5">Our Services</h2>
            <div class="row text-center">
                <div class="col-md-4 mb-4">
                    <div class="card h-100">
                        <div class="card-body">
                            <h5 class="card-title">IT Consulting</h5>
                            <p class="card-text">Expert guidance to optimize your IT infrastructure and strategies.</p>
                        </div>
                    </div>
                </div>
                <div class="col-md-4 mb-4">
                    <div class="card h-100">
                        <div class="card-body">
                            <h5 class="card-title">Software Development</h5>
                            <p class="card-text">Custom software solutions tailored to your business needs.</p>
                        </div>
                    </div>
                </div>
                <div class="col-md-4 mb-4">
                    <div class="card h-100">
                        <div class="card-body">
                            <h5 class="card-title">Cloud Services</h5>
                            <p class="card-text">Scalable and secure cloud solutions for modern businesses.</p>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </section>

    <!-- Footer -->
    <footer class="footer">
        <div class="container">
            <p>&copy; 2025 FutureTech Solutions. All rights reserved.</p>
        </div>
    </footer>

    <script src="C:/LAB SEM 3/Web-Based Interface Design/lab8/labexercise8/bootstrap-5.3.8-dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

Service Page



About.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>FutureTech Solutions - About</title>
    <link rel="stylesheet" href="C:/LAB SEM 3/Web-Based Interface Design/lab8/labexercise8/bootstrap-5.3.8-dist/css/bootstrap.css">
    <style>
        body { font-family: Arial, sans-serif; }
        .navbar { background-color: #007bff; }
        .navbar-brand, .nav-link { color: white !important; }
        .content-section { padding: 80px 0; }
        .footer { background: #343a40; color: white; padding: 20px 0; text-align: center; }
    </style>
</head>
<body>
    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark">
        <div class="container">
            <a class="navbar-brand" href="index.html">FutureTech Solutions</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item"><a class="nav-link" href="index.html">Home</a></li>
                    <li class="nav-item"><a class="nav-link active" href="about.html">About</a></li>
                    <li class="nav-item"><a class="nav-link" href="services.html">Services</a></li>
                    <li class="nav-item"><a class="nav-link" href="contact.html">Contact</a></li>
                </ul>
            </div>
        </div>
    </nav>

    <!-- About Section -->
    <section class="content-section">
        <div class="container">
            <h2 class="text-center mb-4">About Us</h2>
            <p>FutureTech Solutions is dedicated to delivering innovative IT consulting services that empower businesses to grow and succeed.
                Our mission is to provide reliable, efficient, and customized solutions for every client.</p>
            <p>We focus on building long-term partnerships and helping our clients leverage technology for better outcomes.
                Our team of experts has extensive experience in IT consulting, software development, and cloud solutions.</p>
        </div>
    </section>

    <!-- Footer -->
    <footer class="footer">
        <div class="container">
            <p>&copy; 2025 FutureTech Solutions. All rights reserved.</p>
        </div>
    </footer>

    <script src="C:/LAB SEM 3/Web-Based Interface Design/lab8/labexercise8/bootstrap-5.3.8-dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
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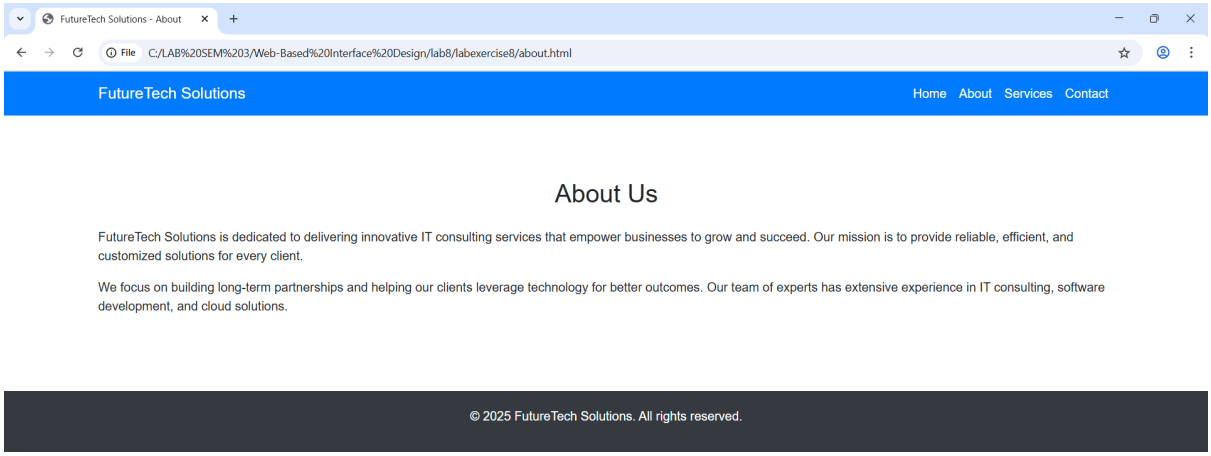
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