**WEB TECHNOLOGY**

**Lab Assignment 5**

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**HTML code**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>My Portfolio</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap">

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

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

</head>

<body>

    <header class="navbar navbar-expand-lg navbar-dark bg-dark">

        <div class="container">

            <a class="navbar-brand" href="#">My Portfolio</a>

            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"

                aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarNav">

                <ul class="navbar-nav ml-auto">

                    <li class="nav-item"><a class="nav-link" href="#home">Home</a></li>

                    <li class="nav-item"><a class="nav-link" href="#about">About</a></li>

                    <li class="nav-item"><a class="nav-link" href="#projects">Projects</a></li>

                    <li class="nav-item"><a class="nav-link" href="#contact">Contact</a></li>

                </ul>

            </div>

        </div>

    </header>

    <section id="home" class="hero bg-primary text-white d-flex align-items-center">

        <div class="container text-center">

            <h1 class="display-4">Welcome to My Portfolio</h1>

            <p class="lead" id="intro">Showcasing my skills and projects.</p>

            <button class="btn btn-outline-light mt-4" id="fade-welcome">Toggle Welcome Message</button>

        </div>

    </section>

    <section id="about" class="py-5 bg-light">

        <div class="container">

            <h2 class="mb-4 text-center">About Me</h2>

            <p id="about-text" class="text-center">A brief introduction about myself and my skills.</p>

            <div class="text-center">

                <button class="btn btn-primary mt-4" id="modify-about">Modify About Section</button>

            </div>

        </div>

    </section>

    <section id="projects" class="py-5">

        <div class="container">

            <h2 class="mb-4 text-center">My Projects</h2>

            <div class="row project-list">

                <div class="col-md-6 project highlight mb-4">

                    <div class="card">

                        <div class="card-body">

                            <h3 class="card-title">Latest Project</h3>

                            <p class="card-text">This is my latest work.</p>

                        </div>

                    </div>

                </div>

                <div class="col-md-6 project mb-4">

                    <div class="card">

                        <div class="card-body">

                            <h3 class="card-title">Older Project</h3>

                            <p class="card-text">This is one of my older projects.</p>

                        </div>

                    </div>

                </div>

            </div>

            <div class="text-center">

                <button class="btn btn-outline-primary" id="add-project">Add Project Description</button>

                <button class="btn btn-outline-danger" id="remove-project">Remove Last Project</button>

            </div>

        </div>

    </section>

    <section id="contact" class="py-5 bg-light">

        <div class="container">

            <h2 class="mb-4 text-center">Contact Me</h2>

            <form id="contactForm" class="w-75 mx-auto">

                <div class="form-group">

                    <label for="name">Name:</label>

                    <input type="text" class="form-control" id="name" name="name" required>

                </div>

                <div class="form-group">

                    <label for="email">Email:</label>

                    <input type="email" class="form-control" id="email" name="email" required>

                </div>

                <div class="form-group">

                    <label for="message">Message:</label>

                    <textarea class="form-control" id="message" name="message" required></textarea>

                </div>

                <button type="submit" class="btn btn-primary btn-block">Submit</button>

            </form>

        </div>

    </section>

    <footer class="bg-dark text-white text-center py-4">

        <p>&copy; 2024 My Portfolio</p>

    </footer>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.bundle.min.js"></script>

    <script src="scripts.js"></script>

</body>

</html>

**CSS Code**

body {

    font-family: 'Roboto', sans-serif;

    color: #333;

    margin: 0;

    padding: 0;

}

.navbar {

    background-color: #222;

}

.navbar-brand {

    font-size: 1.75rem;

    font-weight: bold;

    color: #fff;

}

.navbar-nav .nav-link {

    color: #fff;

    font-weight: 500;

    padding: 15px 20px;

    transition: color 0.3s ease;

}

.navbar-nav .nav-link:hover {

    color: #ffc107;

}

.hero {

    height: 100vh;

    display: flex;

    align-items: center;

    background: linear-gradient(rgba(0, 0, 0, 0.5), rgba(0, 0, 0, 0.5)), url('hero-bg.jpg') center center/cover no-repeat;

}

.hero h1 {

    font-size: 3rem;

    font-weight: 700;

    margin-bottom: 20px;

}

.hero .lead {

    font-size: 1.25rem;

    margin-bottom: 30px;

}

#about {

    background-color: #f9f9f9;

    padding: 60px 0;

}

#about h2 {

    font-size: 2.5rem;

    margin-bottom: 40px;

}

#about-text {

    font-size: 1.125rem;

    line-height: 1.8;

}

#projects {

    padding: 60px 0;

    background-color: #fff;

}

#projects h2 {

    font-size: 2.5rem;

    margin-bottom: 40px;

}

.project .card {

    border: none;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

    transition: transform 0.3s ease;

}

.project .card:hover {

    transform: translateY(-10px);

}

.project.highlighted {

    border: 2px solid #ffc107;

    box-shadow: 0 0 15px rgba(0, 0, 0, 0.2);

    transform: translateY(-5px);

    transition: all 0.3s ease;

}

#contact {

    background-color: #f9f9f9;

    padding: 60px 0;

}

#contact h2 {

    font-size: 2.5rem;

    margin-bottom: 40px;

}

#contactForm .form-control {

    border-radius: 0;

    box-shadow: none;

}

#contactForm .btn {

    border-radius: 0;

}

#email:focus {

    border-color: #007bff !important;

    box-shadow: 0 0 5px rgba(0, 123, 255, 0.5);

}

footer {

    background-color: #222;

    color: #fff;

    padding: 20px 0;

}

footer p {

    margin: 0;

}

**JavaScript Code**

$(document).ready(function () {

    $(document).on('ready', function () {

        console.log('Document is ready!');

    });

    $(window).on('load', function () {

        console.log('Window has loaded!');

    });

    $(window).on('resize', function () {

        console.log('Window has been resized!');

    });

    $(window).on('scroll', function () {

        console.log('Window is being scrolled!');

    });

    $(window).on('unload', function () {

        alert('You are leaving the page!');

    });

    $("#home").on('mouseenter', function () {

        $(this).css('background-color', '#0056b3');

    });

    $("#home").on('mouseleave', function () {

        $(this).css('background-color', '');

    });

    $("#fade-welcome").on('mousedown', function () {

        $(this).css('background-color', 'gray');

    });

    $("#fade-welcome").on('mouseup', function () {

        $(this).css('background-color', '');

    });

    $("#fade-welcome").on('click', function () {

        $("#intro").fadeToggle();

    });

    $("#fade-welcome").on('dblclick', function () {

        alert('Button double-clicked!');

    });

    $("#contactForm").on('submit', function (*event*) {

*event*.preventDefault();

        alert("Form Submitted with Name: " + $("#name").val() + " and Email: " + $("#email").val());

    });

    $("#name").on('change', function () {

        console.log('Name field changed to: ' + $(this).val());

    });

    $("#email").on('blur', function () {

        console.log('Email field lost focus.');

    });

    $("#email").on('focusin', function () {

        $(this).css('border-color', '#007bff');

    });

    $("#message").on('select', function () {

        console.log('Text in the message box was selected.');

    });

    $(".project").on('mouseover', function () {

        $(this).addClass('highlighted');

    });

    $(".project").on('mouseout', function () {

        $(this).removeClass('highlighted');

    });

    $("#add-project").click(function () {

        $(".project-list").append('<div class="col-md-6 project"><div class="card"><div class="card-body"><h3 class="card-title">New Project</h3><p class="card-text">This is a newly added project.</p></div></div></div>');

    });

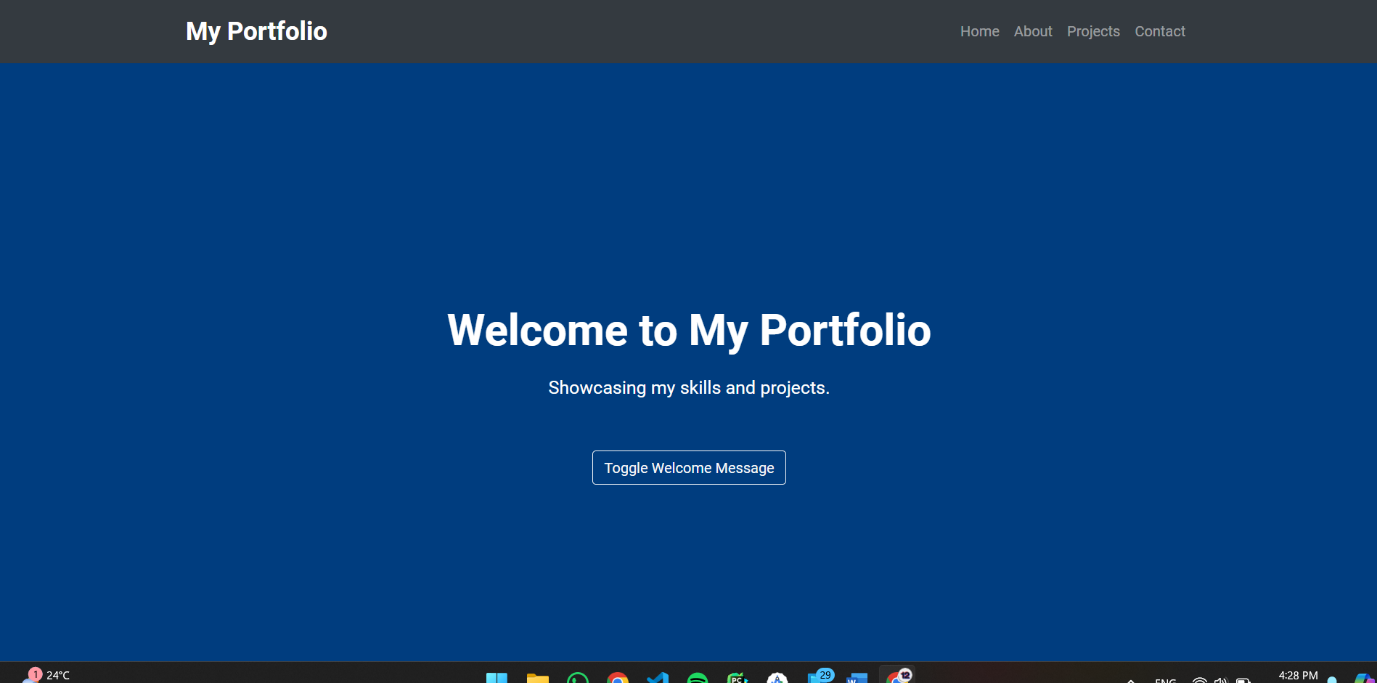
    $("#remove-project").click(function () {

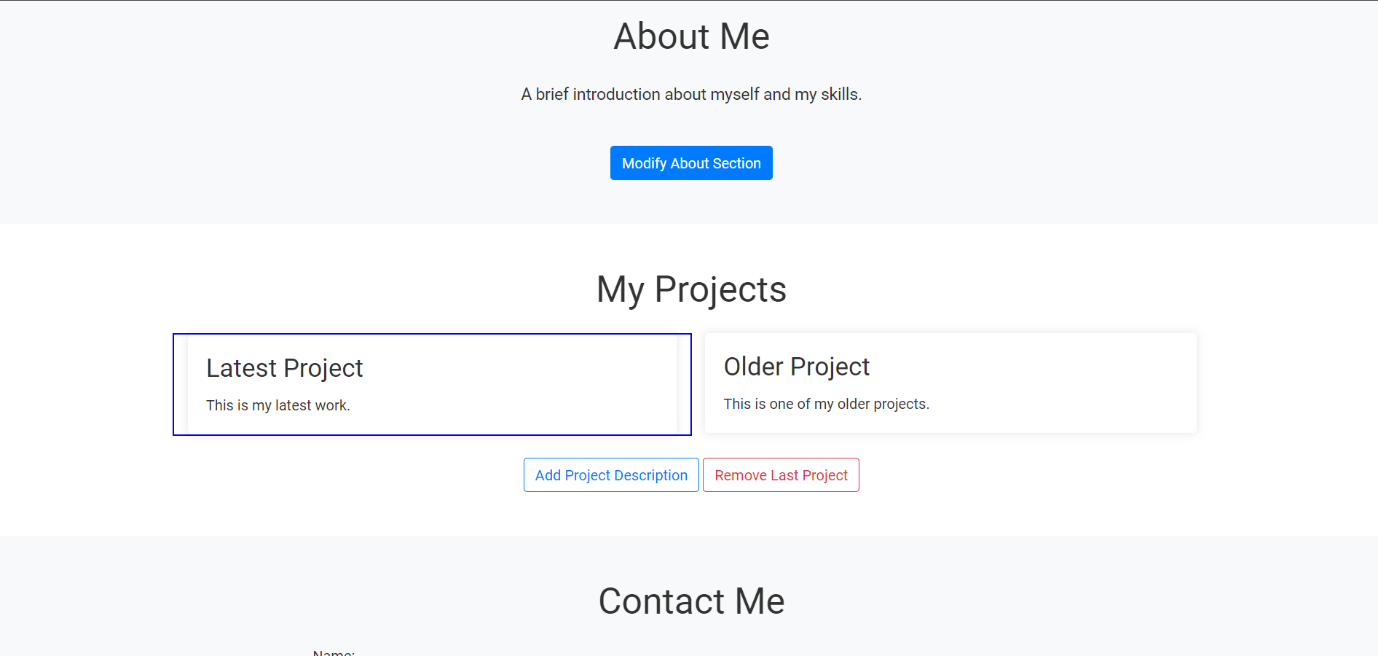
        $(".project-list .project").last().remove();

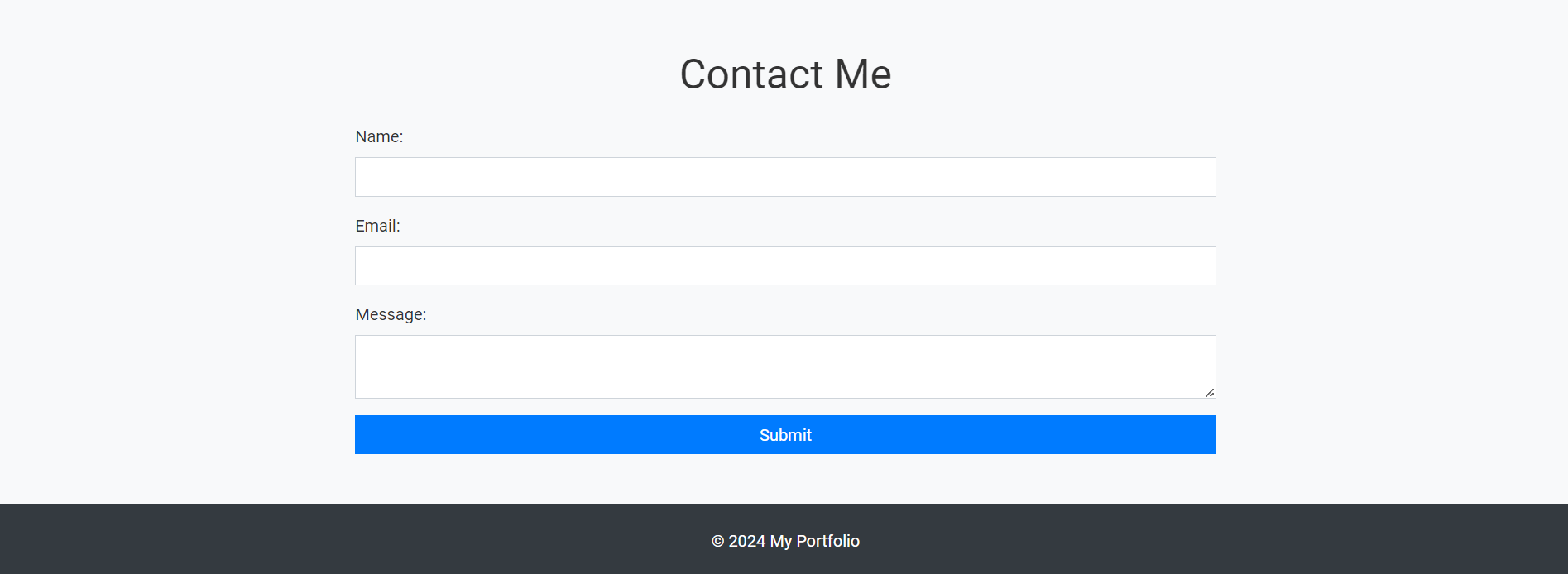
    });

});

**Screenshots**





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