LAB ASSIGNMENT – 14

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BATCH : AI 14

HTML CODE :

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>John Doe - Personal Portfolio</title>

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

</head>

<body>

<header>

<div class="container">

<h1 class="logo">My Portfolio</h1>

<nav>

<ul>

<li><a href="#about">About</a></li>

<li><a href="#skills">Skills</a></li>

<li><a href="#projects">Projects</a></li>

<li><a href="#contact">Contact</a></li>

</ul>

</nav>

</div>

</header>

<main>

<section id="about" class="container">

<div class="about-content">

<img src="https://via.placeholder.com/150" alt="Profile Picture" class="profile-pic">

<div class="about-text">

<h2>About Me</h2>

<p>Hello! I'm a B.Tech student with a passion for web development and cloud computing. I enjoy creating solutions to complex problems and am always eager to learn new technologies. This webpage showcases some of my work and skills.</p>

</div>

</div>

</section>

<section id="skills" class="container">

<h2>My Skills</h2>

<div class="skills-grid">

<div class="skill-item">Programming (Python, Java)</div>

<div class="skill-item">Web Development (HTML, CSS, JS)</div>

<div class="skill-item">Database Management (SQL)</div>

<div class="skill-item">Cloud Computing (AWS Basics)</div>

</div>

</section>

<section id="projects" class="container">

<h2>My Projects</h2>

<div class="projects-grid">

<div class="project-card">

<h3>Project Title 1</h3>

<p>A brief description of the project, its goals, and the technologies used. This could be a web app, a mobile app, or a data analysis project.</p>

<a href="#" target="\_blank">View Project</a>

</div>

<div class="project-card">

<h3>Project Title 2</h3>

<p>Another project description. Highlighting different skills or technologies to show a range of abilities.</p>

<a href="#" target="\_blank">View Project</a>

</div>

<div class="project-card">

<h3>Project Title 3</h3>

<p>A third project, perhaps a collaborative one, to demonstrate teamwork and version control skills.</p>

<a href="#" target="\_blank">View Project</a>

</div>

</div>

</section>

<section id="contact" class="container">

<h2>Get in Touch</h2>

<p>Feel free to reach out through email or connect with me on social media.</p>

<p>Email: <a href="mailto:2403a52384@sru.edu.in">2403a52384@sru.edu.in</a></p>

</section>

</main>

<footer>

<div class="container">

<p>&copy; 2025 John Doe. All rights reserved.</p>

</div>

</footer>

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

</body>

</html>

CSS CODE :

/\* --- Global Styles & Variables --- \*/

:root {

--primary-color: #007bff;

--secondary-color: #6c757d;

--background-color: #f8f9fa;

--text-color: #343a40;

--light-color: #ffffff;

}

body {

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

line-height: 1.6;

margin: 0;

background-color: var(--background-color);

color: var(--text-color);

}

.container {

max-width: 960px;

margin: auto;

overflow: hidden;

padding: 0 20px;

}

/\* --- Header & Navigation --- \*/

header {

background: var(--light-color);

box-shadow: 0 2px 4px rgba(0,0,0,0.1);

padding: 1rem 0;

}

header .container {

display: flex;

justify-content: space-between;

align-items: center;

}

.logo {

color: var(--primary-color);

margin: 0;

}

nav ul {

list-style: none;

padding: 0;

margin: 0;

}

nav ul li {

display: inline;

margin-left: 20px;

}

nav a {

color: var(--secondary-color);

text-decoration: none;

font-weight: bold;

transition: color 0.3s ease;

}

nav a:hover {

color: var(--primary-color);

}

/\* --- Sections --- \*/

section {

padding: 40px 0;

border-bottom: 1px solid #e9ecef;

}

h2 {

text-align: center;

margin-bottom: 30px;

color: var(--text-color);

}

/\* --- About Section --- \*/

.about-content {

display: flex;

align-items: center;

gap: 30px;

}

.profile-pic {

border-radius: 50%;

width: 150px;

height: 150px;

border: 3px solid var(--primary-color);

}

/\* --- Skills Section --- \*/

.skills-grid {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));

gap: 15px;

text-align: center;

}

.skill-item {

background: var(--light-color);

padding: 20px;

border-radius: 8px;

box-shadow: 0 2px 4px rgba(0,0,0,0.05);

}

/\* --- Projects Section --- \*/

.projects-grid {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));

gap: 20px;

}

.project-card {

background: var(--light-color);

border: 1px solid #dee2e6;

border-radius: 8px;

padding: 20px;

box-shadow: 0 2px 5px rgba(0,0,0,0.05);

transition: transform 0.3s ease, box-shadow 0.3s ease;

}

.project-card:hover {

transform: translateY(-5px);

box-shadow: 0 4px 10px rgba(0,0,0,0.1);

}

.project-card h3 {

color: var(--primary-color);

margin-top: 0;

}

.project-card a {

display: inline-block;

margin-top: 15px;

text-decoration: none;

color: var(--primary-color);

font-weight: bold;

}

/\* --- Contact & Footer --- \*/

#contact {

text-align: center;

}

footer {

text-align: center;

padding: 20px;

background: #343a40;

color: var(--light-color);

margin-top: 20px;

}

JS CODE :

document.addEventListener('DOMContentLoaded', function() {

const contactButton = document.getElementById('contactBtn');

if (contactButton) {

contactButton.addEventListener('click', function() {

alert('Thanks for visiting!');

});

}

});

document.addEventListener('DOMContentLoaded', () => {

// Smooth scrolling for navigation links

const navLinks = document.querySelectorAll('nav a');

navLinks.forEach(link => {

link.addEventListener('click', function(e) {

// Prevent the default jump

e.preventDefault();

// Get the target element's ID from the href

const targetId = this.getAttribute('href');

const targetElement = document.querySelector(targetId);

// Scroll smoothly to the target element

if (targetElement) {

targetElement.scrollIntoView({

behavior: 'smooth',

block: 'start'

});

}

});

});

});

OUTPUT :

