

## 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">
            
            <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>
    </section>

```

```
</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 :

The screenshot displays a portfolio website with the following structure:

- Header:** "My Portfolio" on the left, and "About Skills Projects Contact" on the right.
- Profile Picture:** A placeholder for a profile picture, labeled "Profile picture".
- About Me:** A section containing a brief introduction: "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."
- My Skills:** A section listing four skills: "Programming (Python, Java)", "Web Development (HTML, CSS, JS)", "Database Management (SQL)", and "Cloud Computing (AWS Basics)".
- My Projects:** A section showing three project cards:
  - Project Title 1:** 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. [View Project](#)
  - Project Title 2:** Another project description. Highlighting different skills or technologies to show a range of abilities. [View Project](#)
  - Project Title 3:** A third project, perhaps a collaborative one, to demonstrate teamwork and version control skills. [View Project](#)
- Get in Touch:** A section encouraging users to reach out through email or social media. It includes an email address: [2403a52384@sru.edu.in](mailto:2403a52384@sru.edu.in).
- Footer:** A dark footer bar containing the copyright notice: "© 2025 John Doe. All rights reserved."