

## 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 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 :

