# HTML + CSS: ID & Class Example

## HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>ID and Class Example</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>

    <header id="main-header">
        <h1 class="title">My Sample Website</h1>
    </header>

    <nav id="top-nav">
        <ul>
            <li class="nav-item"><a href="#">Home</a></li>
            <li class="nav-item"><a href="#">About</a></li>
            <li class="nav-item"><a href="#">Contact</a></li>
        </ul>
    </nav>

    <section id="content">
        <h2 class="section-title">About This Page</h2>
        <p class="text">This is an example demonstrating how to use ID and Class in HTML.</p>

        <div id="info-box" class="card highlight">
            This box uses both an ID and multiple classes.
        </div>
    </section>

    <footer id="footer">
        <p class="text">© 2025 My Website</p>
    </footer>

</body>
</html>
```

## CSS Code:

```css
/* ID Selectors */
#main-header {
    background: #333;
    color: white;
    padding: 20px;
    text-align: center;
}

#top-nav {
    background: #555;
    padding: 10px;
}

#content {
    padding: 20px;
    background: #f0f0f0;
}

#footer {
    background: #333;
    color: white;
    text-align: center;
    padding: 15px;
}
/* Class Selectors */
```

```css
.title {
    font-size: 32px;
}

.nav-item {
    display: inline-block;
    margin-right: 15px;
}

.section-title {
    color: darkblue;
}

.text {
    font-size: 18px;
    color: #444;
}

.card {
    border: 2px solid #444;
    padding: 15px;
    margin-top: 15px;
}

.highlight {
    background-color: #e6ffe6;
}
```