

# Akshaya Raj's Dbug Labs WEBDEV Task

To be honest, I only have basic knowledge of HTML language, not all of it. I have written this code with some knowledge and some using the internet.

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## HTML Code: for the layout of the webpage

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>PlayStation</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>

  <!-- Navigation Bar -->
  <header>
    <nav>
      <div class="logo">
        
      </div>
      <ul class="nav-links">
        <li><a href="#">Games</a></li>
        <li><a href="#">Consoles</a></li>
        <li><a href="#">Accessories</a></li>
        <li><a href="#">Services</a></li>
        <li><a href="#">News</a></li>
      </ul>
    </nav>
  </header>
</body>
</html>
```

```
        </ul>
    </nav>
</header>

<!-- Hero Section -->
<section class="hero">
    <div class="hero-content">
        <h1>Welcome to PlayStation</h1>
        <p>The best place to play.</p>
        <a href="#" class="btn">Explore More</a>
    </div>
</section>

<!-- Featured Products -->
<section class="featured-products">
    <h2>Featured Products</h2>
    <div class="product-grid">
        <div class="product">
            
            <h3>PlayStation 5</h3>
            <p>The future of gaming.</p>
        </div>
        <div class="product">
            
            <h3>DualSense Controller</h3>
            <p>Feel the game.</p>
        </div>
        <div class="product">
```

```
        
        <h3>PlayStation VR</h3>
        <p>Immerse yourself.</p>
    </div>
</div>
</section>

<!-- Footer -->
<footer>
    <div class="footer-content">
        <p>&copy; 2024 PlayStation. All rights reserved.</p>
    </div>
</footer>

</body>
</html>
```

---

### CSS Code: for the styles of the webpage

```
/* Reset some default styles */
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

/* Set body and global styles */
body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    color: #333;
```

```
        line-height: 1.6;
    }

    /* Header styles */
    header {
        background-color: #1b1b1b;
        padding: 20px;
    }

    nav {
        display: flex;
        justify-content: space-between;
        align-items: center;
    }

    .logo img {
        height: 40px;
    }

    .nav-links {
        list-style: none;
        display: flex;
        gap: 20px;
    }

    .nav-links li a {
        text-decoration: none;
        color: #fff;
        font-weight: bold;
        padding: 10px 20px;
    }
```

```
}
```

```
.nav-links li a:hover {  
    background-color: #444;  
    border-radius: 5px;  
}
```

```
/* Hero section */
```

```
.hero {  
    background-image: url('https://example.com/hero-image.jpg');  
    background-size: cover;  
    background-position: center;  
    height: 70vh;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    color: white;  
    text-align: center;  
}
```

```
.hero h1 {  
    font-size: 3rem;  
    margin-bottom: 10px;  
}
```

```
.hero p {  
    font-size: 1.5rem;  
}
```

```
.btn {
```

```
    background-color: #0070d1;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    text-decoration: none;
    font-size: 1.2rem;
}
```

```
.btn:hover {
    background-color: #005bb5;
}
```

```
/* Featured Products */
.featured-products {
    padding: 40px 20px;
    background-color: white;
    text-align: center;
}
```

```
.featured-products h2 {
    font-size: 2.5rem;
    margin-bottom: 40px;
}
```

```
.product-grid {
    display: flex;
    gap: 20px;
    justify-content: center;
}
```

```
.product {  
    background-color: #f4f4f4;  
    padding: 20px;  
    border-radius: 10px;  
    text-align: center;  
    width: 300px;  
}
```

```
.product img {  
    width: 100%;  
    height: auto;  
    border-radius: 10px;  
}
```

```
.product h3 {  
    margin: 20px 0 10px;  
}
```

```
.product p {  
    color: #555;  
}
```

```
/* Footer */  
footer {  
    background-color: #1b1b1b;  
    color: white;  
    padding: 20px 0;  
    text-align: center;  
}
```

```
.footer-content p {  
    margin: 0;  
}
```

---

### JavaScript Code: for mobile menu toggle functionality

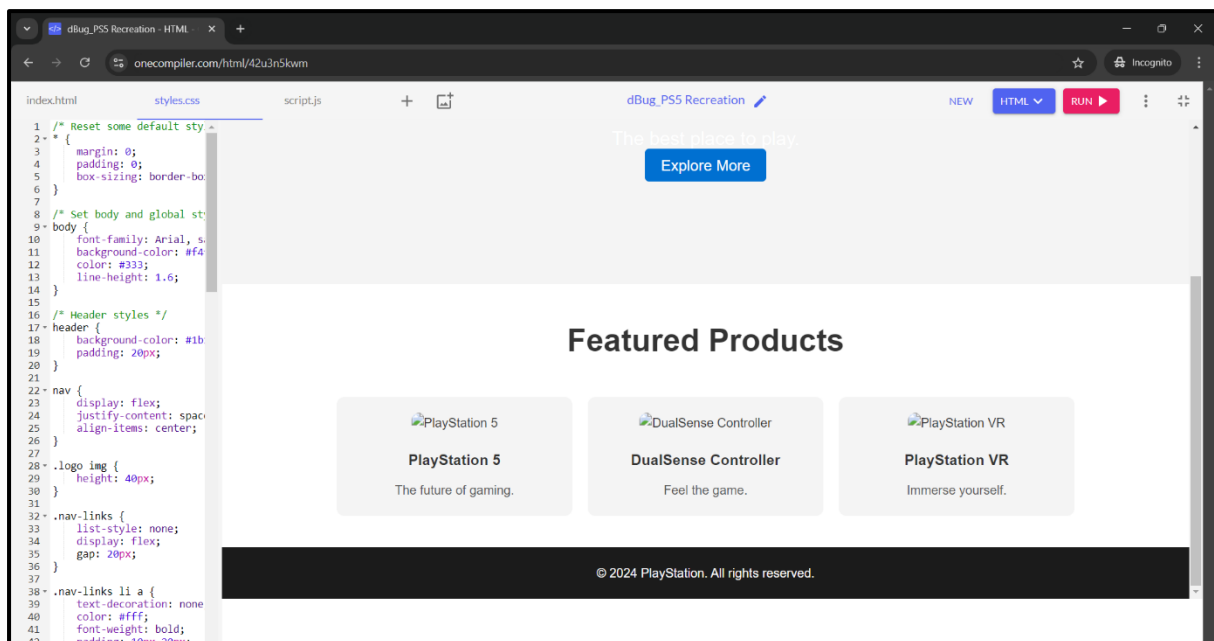
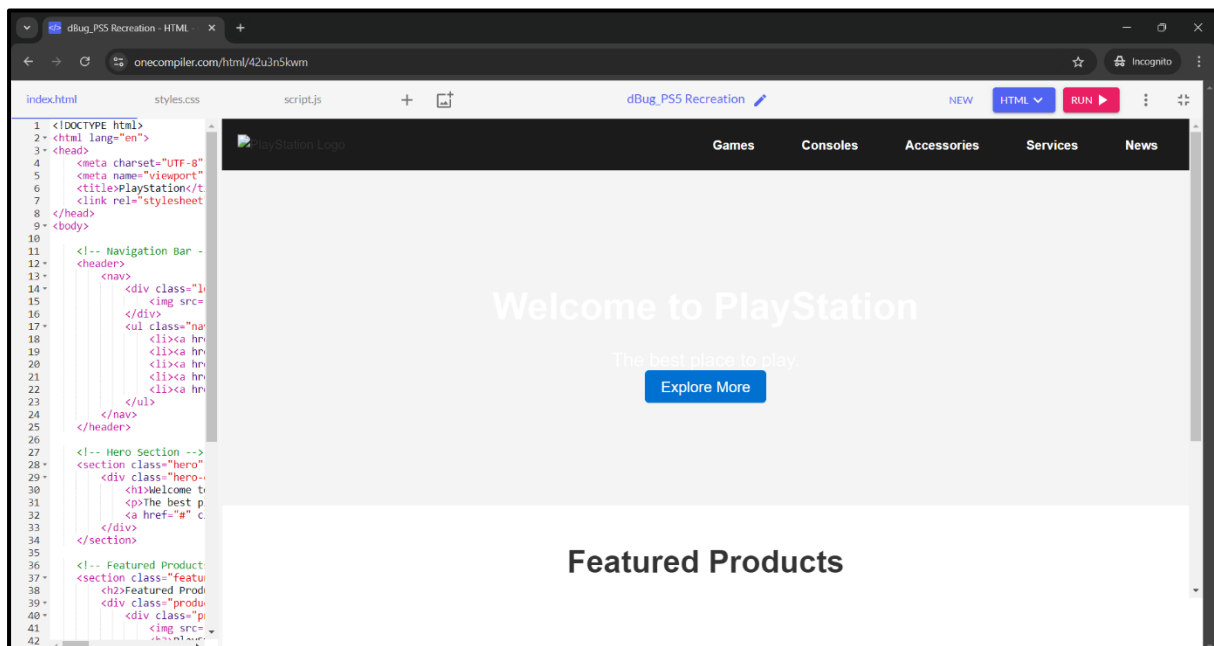
```
// Mobile Menu Toggle Functionality  
const navLinks = document.querySelector('.nav-links');  
const burger = document.createElement('div');  
  
// Create the burger icon  
burger.classList.add('burger');  
burger.innerHTML = `  
    <div class="line1"></div>  
    <div class="line2"></div>  
    <div class="line3"></div>  
`;  
  
// Append burger icon to the header  
document.querySelector('nav').appendChild(burger);  
  
// Toggle the nav menu when burger is clicked  
burger.addEventListener('click', () => {  
    navLinks.classList.toggle('nav-active');  
    // Animate the burger lines  
    burger.classList.toggle('toggle');  
});  
  
// Button click alert  
const exploreButton = document.querySelector('.btn');
```

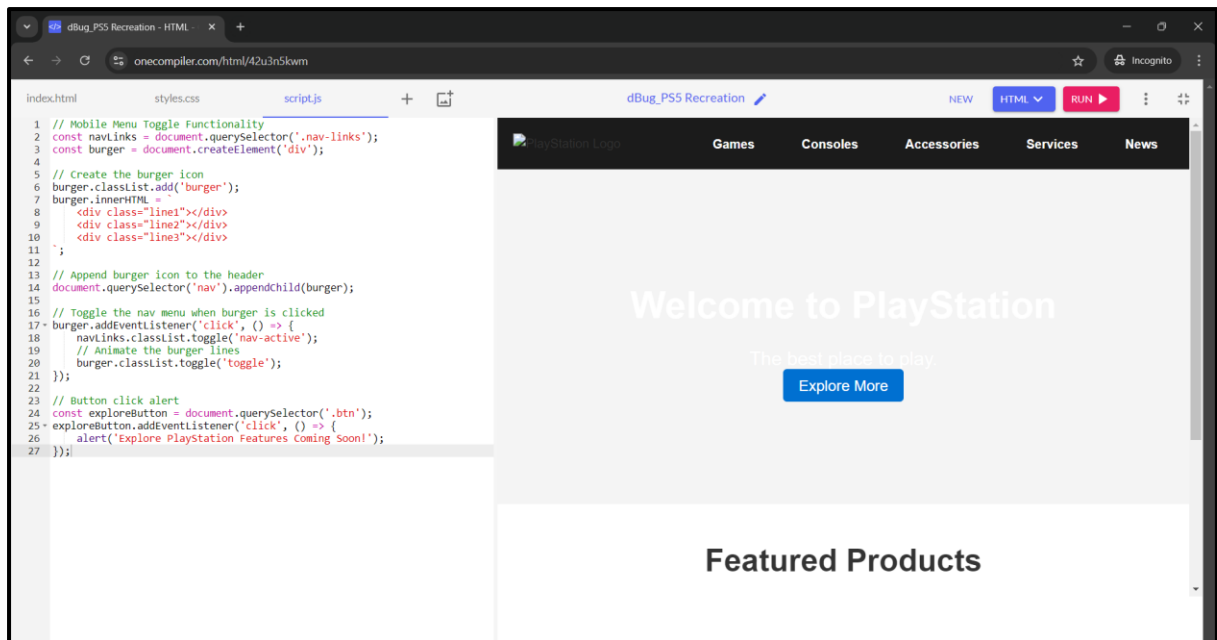


```
exploreButton.addEventListener('click', () => {  
    alert('Explore PlayStation Features Coming Soon!');  
});
```

---

## Screenshots of the OUTPUT





**THANK YOU!**