

# WEB DEVELOPMENT

## E – Commerce

### HTML Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <title>ShopifyLite</title>

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

</head>

<body>


  <header class="navbar">

    <div class="logo">ShopifyLite</div>

    <nav class="nav-links">

      <a href="#products">Products</a>

      <a href="#cart">Cart (<span id="cart-count">0</span>)</a>

      <button class="login-btn" onclick="toggleLogin()">Login</button>

    </nav>

  </header>


  <section id="hero">

    <h1>Welcome to ShopifyLite!</h1>

    <p>Find the best products at unbeatable prices.</p>

  </section>


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

    <h2>Featured Products</h2>
```

## WEB DEVELOPMENT

```
<div id="product-grid" class="product-grid"></div>

</section>

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

  <h2>Your Cart</h2>

  <div id="cart-items"></div>

  <div id="cart-total"></div>

  <button onclick="checkout()" class="checkout-btn">Checkout</button>

</section>

<div id="login-modal" class="modal">

  <div class="modal-content">

    <span class="close" onclick="toggleLogin()">&times;</span>

    <h2>Login</h2>

    <input type="text" id="username" placeholder="Username">

    <input type="password" id="password" placeholder="Password">

    <button onclick="login()">Submit</button>

  </div>

</div>

<footer>

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

</footer>

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

</body>

</html>
```

**CSS Code:**

## WEB DEVELOPMENT

```
* {  
    margin: 0;  
    padding: 0;  
    box-sizing: border-box;  
}  
  
body {  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    background-color: #f5f5f5;  
}  
  
.navbar {  
    background-color: #222;  
    color: #fff;  
    display: flex;  
    justify-content: space-between;  
    padding: 15px 30px;  
    align-items: center;  
    position: sticky;  
    top: 0;  
    z-index: 1000;  
}  
  
.nav-links a, .login-btn {  
    margin-left: 20px;  
    color: white;  
    text-decoration: none;  
    background: none;
```

## WEB DEVELOPMENT

```
border: none;
cursor: pointer;
font-size: 1em;
}
```

```
.logo {
  font-weight: bold;
  font-size: 1.7em;
}
```

```
#hero {
  background: url('https://source.unsplash.com/1600x500/?shopping,mall') no-repeat
center center/cover;
  height: 50vh;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  color: rgb(73, 34, 193);
  text-shadow: 2px 2px 4px #000;
  font-size: 1.7em;
}
```

```
.container {
  padding: 30px;
}
```

## WEB DEVELOPMENT

```
h2 {  
  margin-bottom: 20px;  
}
```

```
.product-grid {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, minmax(220px, 1fr));  
  gap: 20px;  
}
```

```
.product {  
  background-color: white;  
  padding: 15px;  
  border-radius: 10px;  
  text-align: center;  
  box-shadow: 0px 2px 5px rgba(0,0,0,0.1);  
}
```

```
.product img {  
  max-width: 100%;  
  height: 180px;  
  object-fit: cover;  
  margin-bottom: 10px;  
}
```

```
button {  
  margin-top: 10px;  
  padding: 10px 15px;
```

## WEB DEVELOPMENT

```
border: none;
background-color: #28a745;
color: white;
cursor: pointer;
border-radius: 5px;
}
```

```
button:hover {
  background-color: #218838;
}
```

```
#cart-items {
  margin-bottom: 10px;
}
```

```
.checkout-btn {
  background-color: #007bff;
}
```

```
.checkout-btn:hover {
  background-color: #0056b3;
}
```

```
footer {
  background-color: #222;
  color: white;
  text-align: center;
  padding: 20px;
```

## WEB DEVELOPMENT

```
margin-top: 40px;  
}
```

```
.modal {  
  display: none;  
  position: fixed;  
  z-index: 1001;  
  left: 0;  
  top: 0;  
  width: 100%;  
  height: 100%;  
  overflow: auto;  
  background-color: rgba(0,0,0,0.6);  
}
```

```
.modal-content {  
  background-color: #fff;  
  margin: 10% auto;  
  padding: 20px;  
  width: 300px;  
  border-radius: 10px;  
  position: relative;  
}
```

```
.close {  
  position: absolute;  
  top: 5px;  
  right: 15px;
```

## WEB DEVELOPMENT

```
font-size: 24px;  
cursor: pointer;  
}
```

```
input[type="text"], input[type="password"] {  
  width: 100%;  
  padding: 10px;  
  margin: 10px 0;  
}
```

### JAVASCRIPT Code:

```
const products = [  
  { id: 1, name: "Wireless Headphones", price: 99, image:  
    "https://tse3.mm.bing.net/th?id=OIP.dqAePrXG8BufmU3FdvyPagHaKk&pid=Api&P=0&h=180" },  
  { id: 2, name: "Smart Watch", price: 150, image:  
    "https://tse3.mm.bing.net/th?id=OIP.sfTRc3EcQ5AnZIsal69YtwHaH7&pid=Api&P=0&h=180" },  
  { id: 3, name: "Gaming Laptop", price: 1299, image:  
    "https://tse4.mm.bing.net/th?id=OIP.xi1-5FG0g67IB5mvNaAlywHaE8&pid=Api&P=0&h=180" },  
  { id: 4, name: "Mirrorless Camera", price: 899, image:  
    "https://tse2.mm.bing.net/th?id=OIP.JglHlt_hpbezC47i8FAGgHaGN&pid=Api&P=0&h=180" },  
  { id: 5, name: "Running Shoes", price: 120, image:  
    "https://tse3.mm.bing.net/th?id=OIP.2vW28l3HzZ7mWR1CoQGgCAHaEK&pid=Api&P=0&h=180" },  
  { id: 6, name: "Leather Jacket", price: 250, image: "https://tse2.mm.bing.net/th?id=OIP.u-Kj_ePLqOFKWqTqAoLyuAHaHf&pid=Api&P=0&h=180" },  
  { id: 7, name: "Sofa Set", price: 999, image:  
    "https://tse3.mm.bing.net/th?id=OIP.jtRhMFRSmfu05LE9ooUO2QHaHa&pid=Api&P=0&h=180" },
```



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```
{ id: 8, name: "Bluetooth Speaker", price: 70, image:
"https://tse3.mm.bing.net/th?id=OIP.h0LuFwaZOEnBiuiTdOye4wHaHa&pid=Api&P=0&h=180" },
```

```
{ id: 9, name: "Mountain Bike", price: 499, image:
"https://tse4.mm.bing.net/th?id=OIP.Rws0FnzncYcpI7raROl1JAHaE8&pid=Api&P=0&h=180"
},
```

```
{ id: 10, name: "Designer Handbag", price: 650, image:
"https://tse4.mm.bing.net/th?id=OIP.I3dHT-
__Gh0TwEWedbgqvQAAAA&pid=Api&P=0&h=180" }
```

```
];
```

```
let cart = [];
```

```
function displayProducts() {
  const productGrid = document.getElementById('product-grid');
  productGrid.innerHTML = products.map(product => `
    <div class="product">
      
      <h3>${product.name}</h3>
      <p>${product.price}</p>
      <button onclick="addToCart(${product.id})">Add to Cart</button>
    </div>
  `).join("");
}
```

```
function addToCart(id) {
  const product = products.find(p => p.id === id);
  cart.push(product);
  updateCart();
}
```

## WEB DEVELOPMENT

```
function updateCart() {

  const cartItems = document.getElementById('cart-items');
  const cartTotal = document.getElementById('cart-total');
  const cartCount = document.getElementById('cart-count');

  if (cart.length === 0) {
    cartItems.innerHTML = "<p>Your cart is empty!</p>";
    cartTotal.innerHTML = "";
  } else {
    cartItems.innerHTML = cart.map((item, index) => `
      <div>
        ${item.name} - $$${item.price}
        <button onclick="removeFromCart(${index})">Remove</button>
      </div>
    `).join("");

    const total = cart.reduce((sum, item) => sum + item.price, 0);
    cartTotal.innerHTML = `<h3>Total: $$${total.toFixed(2)}</h3>`;
  }
  cartCount.textContent = cart.length;
}

function removeFromCart(index) {
  cart.splice(index, 1);
  updateCart();
}
```

## WEB DEVELOPMENT

```
function checkout() {  
  if (cart.length === 0) {  
    alert("Your cart is empty!");  
  } else {  
    alert("Thank you for shopping with us! Your order is confirmed.");  
    cart = [];  
    updateCart();  
  }  
}
```

```
function toggleLogin() {  
  const modal = document.getElementById('login-modal');  
  modal.style.display = (modal.style.display === 'block') ? 'none' : 'block';  
}
```

```
function login() {  
  const username = document.getElementById('username').value;  
  if (username) {  
    alert(`Welcome back, ${username}!`);  
    toggleLogin();  
  } else {  
    alert('Please fill in username and password.');
```

```
// Initial load  
displayProducts();
```

# WEB DEVELOPMENT

## OUTPUT:

