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<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Mini eCommerce Site</title>
  <style>
    * { box-sizing: border-box; }
    body { font-family: Arial, sans-serif; margin: 0; padding: 0; }
    header { background-color: #333; color: white; padding: 1em; display: flex; justify-content: space-between; align-items: center; }
    header h1 { margin: 0; }
    #cart-btn { background: #ff9900; color: white; border: none; padding: 10px 15px; font-size: 16px; cursor: pointer; }
    #product-list { display: flex; flex-wrap: wrap; gap: 1em; padding: 1em; justify-content: center; }
    .product { border: 1px solid #ccc; padding: 1em; width: 200px; text-align: center; background: #f9f9f9; }
    .product img { max-width: 100%; height: auto; }
    .product h3 { margin: 0.5em 0; }
    .product button { background: #28a745; color: white; border: none; padding: 8px 12px; cursor: pointer; }
    #cart-sidebar { position: fixed; top: 0; right: -320px; width: 300px; height: 100%; background: #fff; border-left: 1px solid #ccc; box-shadow: -2px 0 5px rgba(0, 0, 0, 0.2); padding: 1em; overflow-y: auto; transition: right 0.3s; }
    #cart-sidebar.open { right: 0; }
    #cart-sidebar h2 { margin-top: 0; }
    #cart-items li { margin: 0.5em 0; }
    #cart-sidebar button { background: #007bff; color: white; border: none; padding: 10px; margin-top: 1em; width: 100%; cursor: pointer; }
  </style>
</head>
<body>
  <header>
    <h1>My eShop</h1>
    <button id="cart-btn">Cart Cart (<span id="cart-count">0</span></button>
  </header>
  <main id="product-list"></main>
  <aside id="cart-sidebar">
    <h2>Your Cart</h2>
    <ul id="cart-items"></ul>
    <p><strong>Total:</strong> $<span id="cart-total">0</span></p>
    <button onclick="checkout()">Checkout</button>
  </aside>
  <script>
    const products = [
      { id: 1, name: "T-Shirt", price: 20, image: "https://via.placeholder.com/200x150?text=T-Shirt" },
      { id: 2, name: "Sneakers", price: 50, image: "https://via.placeholder.com/200x150?text=Sneakers" },
      { id: 3, name: "Hat", price: 15, image: "https://via.placeholder.com/200x150?text=Hat" },
      { id: 4, name: "Backpack", price: 35, image: "https://via.placeholder.com/200x150?text=Backpack" }
    ];
    const cart = [];
    function renderProducts() {
      const productList = document.getElementById("product-list");
      products.forEach(product => {
        const div = document.createElement("div");
        div.className = "product";
        div.innerHTML = `
          
          <h3>\${product.name}</h3>
          <p>\${product.price}</p>
          <button onclick="addToCart(\${product.id})">Add to Cart</button>
        `;
        productList.appendChild(div);
      });
    }
  </script>

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}
function addToCart(productId) {
  const product = products.find(p => p.id === productId);
  cart.push(product);
  updateCart();
}
function updateCart() {
  const cartCount = document.getElementById("cart-count");
  const cartItems = document.getElementById("cart-items");
  const cartTotal = document.getElementById("cart-total");
  cartCount.textContent = cart.length;
  cartItems.innerHTML = "";
  let total = 0;
  cart.forEach(item => {
    const li = document.createElement("li");
    li.textContent = `\\${item.name} - ${item.price}\\`;
    cartItems.appendChild(li);
    total += item.price;
  });
  cartTotal.textContent = total.toFixed(2);
}
document.getElementById("cart-btn").addEventListener("click", () => {
  document.getElementById("cart-sidebar").classList.toggle("open");
});
function checkout() {
  alert("Thank you for your purchase! (This is a frontend demo)");
  cart.length = 0;
  updateCart();
  document.getElementById("cart-sidebar").classList.remove("open");
}
renderProducts();
</script>
</body>
</html>

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