import zipfile

import os

project\_name = "ecommerce-site"

os.makedirs(project\_name, exist\_ok=True)

files = {

"index.html": """<!DOCTYPE html>

<html lang="en">

<head><meta charset="UTF-8"><title>Simple eCommerce</title><link rel="stylesheet" href="style.css"></head>

<body><header><h1>My Shop</h1><nav><a href="cart.html">🛒 Cart</a></nav></header>

<main><div class="products" id="product-list"></div></main>

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

</html>""",

"cart.html": """<!DOCTYPE html>

<html lang="en">

<head><meta charset="UTF-8"><title>Your Cart</title><link rel="stylesheet" href="style.css"></head>

<body><header><h1>Your Cart</h1><nav><a href="index.html">⬅ Back to Shop</a></nav></header>

<main><div id="cart-items"></div><h2 id="total"></h2></main>

<script>

const cart = JSON.parse(localStorage.getItem('cart') || '[]');

const cartDiv = document.getElementById('cart-items'); let total = 0;

cart.forEach(item => {

total += item.price;

const div = document.createElement('div');

div.textContent = `${item.name} - $${item.price}`;

cartDiv.appendChild(div);

});

document.getElementById('total').textContent = `Total: $${total.toFixed(2)}`;

</script></body>

</html>""",

"style.css": """body {font-family: Arial;margin: 0;padding: 0;}

header {background: #333;color: white;padding: 1em;display: flex;justify-content: space-between;}

.products {display: flex;flex-wrap: wrap;gap: 1em;padding: 1em;}

.product {border: 1px solid #ccc;padding: 1em;width: 200px;}

button {background-color: green;color: white;border: none;padding: 0.5em;cursor: pointer;}""",

"script.js": """const products = [

{ id: 1, name: "T-shirt", price: 19.99 },

{ id: 2, name: "Jeans", price: 39.99 },

{ id: 3, name: "Sneakers", price: 59.99 }

];

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(${JSON.stringify(product)})'>Add to Cart</button>`;

productList.appendChild(div);

});

function addToCart(product) {

const cart = JSON.parse(localStorage.getItem('cart') || '[]');

cart.push(product);

localStorage.setItem('cart', JSON.stringify(cart));

alert(`${product.name} added to cart!`);

}"""

}

for filename, content in files.items():

with open(os.path.join(project\_name, filename), "w") as f:

f.write(content.strip())

with zipfile.ZipFile(f"{project\_name}.zip", "w") as zipf:

for filename in files:

zipf.write(os.path.join(project\_name, filename), arcname=filename)