

Cart

```
let cart = JSON.parse(localStorage.getItem("cart")) || [];

const newDiv = document.createElement("div");

const cartDiv = document.getElementById("cart");

cartDiv.append(newDiv);

// Clear cart button
const clearCartButton = document.createElement("button");
clearCartButton.textContent = "Clear Cart";
clearCartButton.addEventListener("click", () => {
  localStorage.clear();
  location.reload();
});

// Remove item function and button
function removeItem(e) {
  // e is the item that we want to remove
  // filter will keep items that don't have the same name as the name of the
  item we want to remove
  cart = cart.filter((item) => e.name !== item.name);
  localStorage.setItem("cart", JSON.stringify(cart));
  location.reload();
}

// Display the cart items
for (let i = 0; i < cart.length; i++) {
  // Make a new div
  const newDiv = document.createElement("div");

  // Might want to add a class to the newDiv for styling
  // OR add styling in here

  // Add the current product's information to that new div
  // (The current item in the loop is 'i')
  const nameHeading = document.createElement("h3");
  nameHeading.textContent = cart[i].name;

  const priceHeading = document.createElement("h5");
  priceHeading.textContent = cart[i].price.toFixed(2);

  const descriptionText = document.createElement("p");
  descriptionText.textContent = cart[i].description;

  const quantity = document.createElement("p");
  quantity.textContent = `Quantity: ${cart[i].quantity}`;
```

```
const image = document.createElement("img");
image.src = cart[i].image;

// Add an "remove from cart" button to the current product
const removeFromCart = document.createElement("button");
removeFromCart.addEventListener("click", () => removeItem(cart[i]));
removeFromCart.innerHTML = ` Remove`;

// const cartImage = document.createElement("img");
// cartImage.src = "cartIcon.png";
// cartImage.style.width = "20px";
// addToCart.append(cartImage);
// addToCart.textContent = "Add to Cart";

newDiv.append(nameHeading, priceHeading, descriptionText, quantity, image,
removeFromCart);

// Append that div to our products div
cartDiv.append(newDiv);
const cartImage = document.querySelector("#cartImage");
cartImage.style.height = "20px";
}

let salesTax;
let subTotal = 0;

for (let i = 0; i < cart.length; i++) {
  // add the subTotals of each item
  // subTotal = cart[i].price + subTotal;
  subTotal += cart[i].price * cart[i].quantity; // shorthand (adding and
  assigning at the same time)
}

salesTax = subTotal * .075;

const total = salesTax + subTotal;

console.log(total);

// Display the subtotal / tax / total

const totalDiv = document.createElement("div");
totalDiv.classList.add("totalClass");

const subtotalDisplay = document.createElement("p");
// toFixed(2) restricts it to 2 decimal places
subtotalDisplay.textContent = `Subtotal: ${subTotal.toFixed(2)}`;

const taxDisplay = document.createElement("p");
taxDisplay.textContent = `Tax: ${salesTax.toFixed(2)}`;

const totalDisplay = document.createElement("p");
totalDisplay.textContent = `Total: ${total.toFixed(2)}`;
```

```
totalDiv.append(subtotalDisplay, taxDisplay, totalDisplay);  
  
document.body.append(totalDiv, clearCartButton);  
  
const productDiv = document.getElementById("products");  
productDiv.append(totalDiv);
```