```
let cart = {
 2
 3
        items: [
4
5
            { id: 1, name: 'Laptop', price: 60000, quantity: 1 },
6
7
            { id: 2, name: 'Mouse', price: 800, quantity: 2 }
8
9
    };
10
    console.log(cart);
11
12
13
    // Pass by reference: modifies shared cart object
14
15
   function updateQuantity(itemId, change) {
16
17
        let item = cart.items.find(i => i.id === itemId);
18
19
        if (item) {
20
            item.quantity = Math.max(1, item.quantity + change); // min 1
21
22
23
        render();
24
25
26
27
    // Pass by value: calculates total without changing actual prices
28
   function calculateDiscountedTotal(discountPercent) {
29
30
31
        let total = 0;
32
33
        cart.items.forEach(item => {
34
            let discountAmount = (item.price * discountPercent) / 100;
35
36
37
            let finalPrice = item.price - discountAmount;
```

});

cartDiv.appendChild(itemDiv);

```
8/11/25, 7:51 PM
                                                                            script.js
   76
   77
       // Render Checkout Page
   78
   79
   80
       function renderCheckoutPage() {
   81
   82
           const checkoutDiv = document.getElementById('checkoutItems');
   83
           checkoutDiv.innerHTML = '';
   84
   85
           cart.items.forEach(item => {
   86
   87
   88
               const itemDiv = document.createElement('div');
   89
               itemDiv.className = 'item';
   90
   91
   92
               itemDiv.innerHTML = `
   93
   94
                   <span>${item.name}</span>
   95
   96
                   <span>x ${item.quantity}</span>
   97
   98
   99
               checkoutDiv.appendChild(itemDiv);
           });
  100
  101
           // Calculate discounted total
  102
  103
           const total = calculateDiscountedTotal(10); // 10% off
  104
  105
           document.getElementById('discountedTotal').textContent = `Total Price (10% Off): ₹${total}`;
  106
  107
  108
       // Render both pages
  109
  110
       function render() {
  111
  112
  113
           renderCartPage();
```

8/11/25, 7:51 PM script.js