

Shopping Cart - Decrement / Remove Item



Decrement / Remove Item from the Shopping Cart

luv2shop

Search for products ...

Search

\$56.97 3

Books

Coffee Mugs

Mouse Pads

Luggage Tags

Product Image	Product Detail	Quantity	
	Coffee Mug - Sweeper \$18.99	3	<input type="button" value="-"/> <input type="button" value="Remove"/>
		Subtotal: \$56.97	
		Total Quantity: 3	
		Shipping: FREE	
		Total Price: \$56.97	

Development Process

Step-By-Step

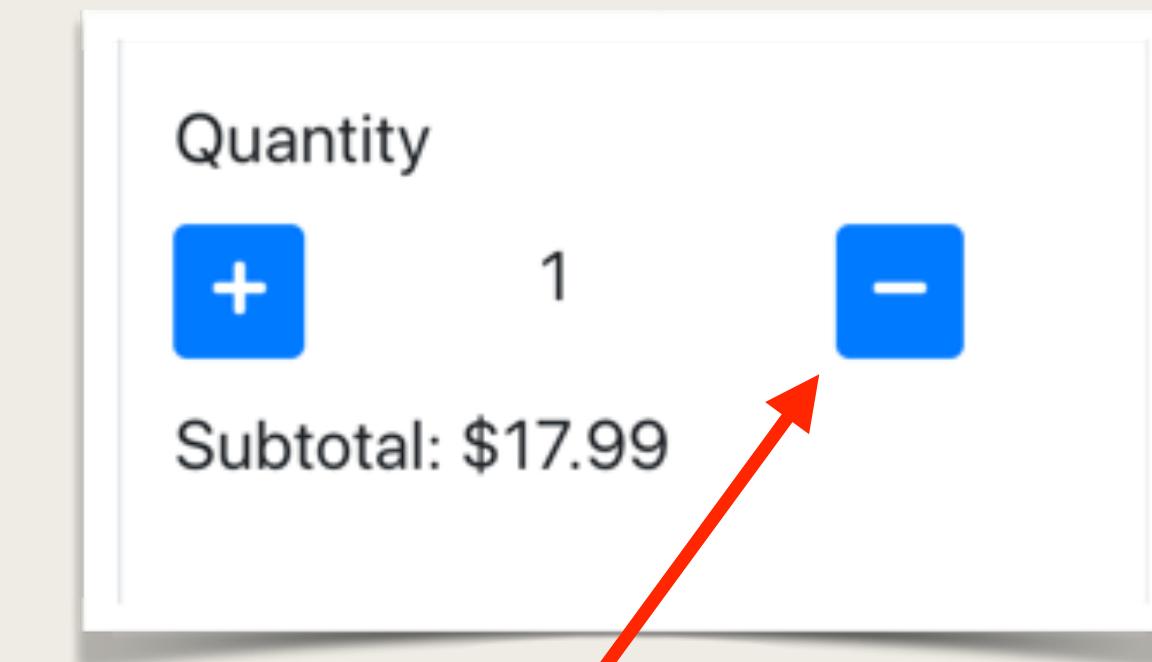
1. Add click handler for the "decrement" button on HTML template
2. Update CartDetailsComponent with click handler method
3. Modify CartService with supporting method
4. Repeat process for "Remove" button

Step 1: Modify CartDetailsComponent HTML template

File: cart-details.component.html

```
...  
<button (click)="decrementQuantity(tempCartItem)" class="btn btn-primary btn-sm"><i class="fas fa-minus"></i></button>  
...
```

On click event
call the method: **decrementQuantity(...)**



Font Awesome
"Minus" icon

Step 2: Update CartDetailsComponent with click handler method

File: cart-details.component.ts

```
decrementQuantity(theCartItem: CartItem) {  
    this.cartService.decrementQuantity(theCartItem);  
}
```

Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {  
    theCartItem.quantity--;  
  
    if (theCartItem.quantity === 0) {  
        this.remove(theCartItem);  
    }  
    else {  
        this.computeCartTotals();  
    }  
}
```

www.luv2code.com/array-splice

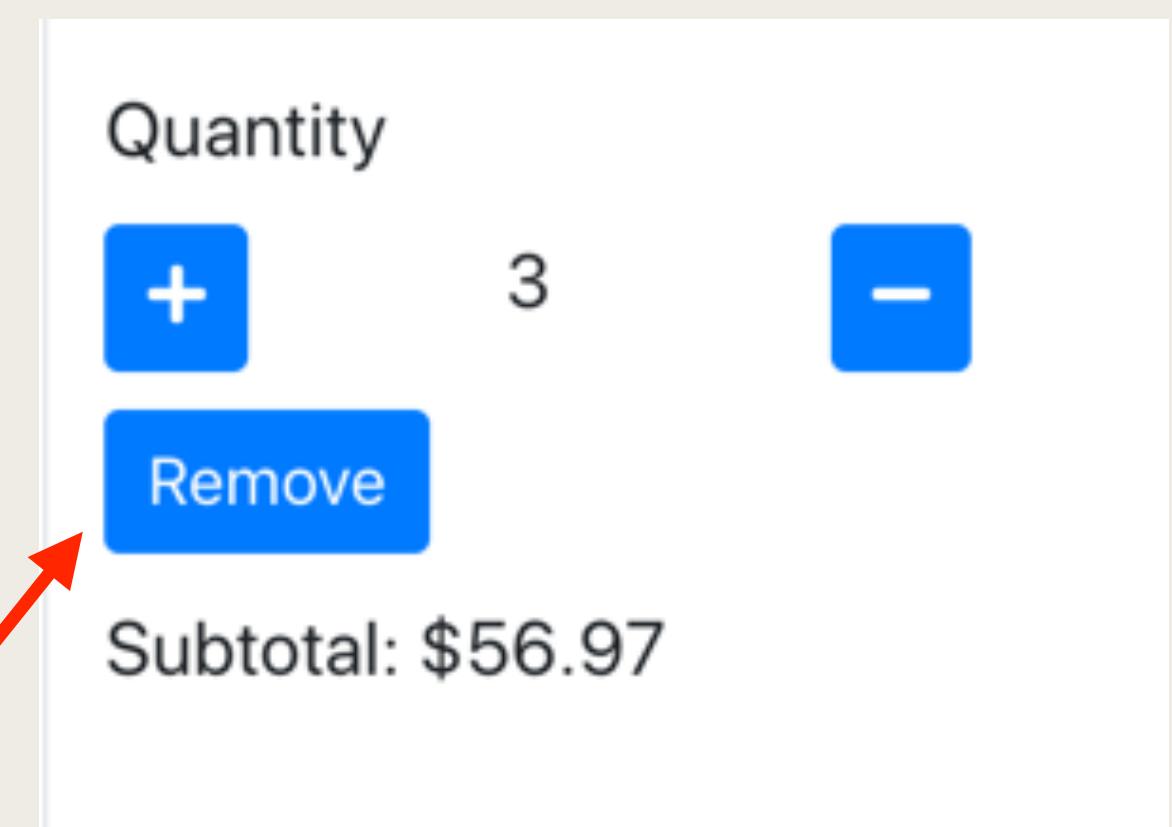
```
remove(theCartItem: CartItem) {  
  
    // get index of item in the array  
    const itemIndex = this.cartItems.findIndex(  
        tempCartItem => tempCartItem.id == theCartItem.id);  
  
    // if found, remove the item from the array at the given index  
    if (itemIndex > -1) {  
        this.cartItems.splice(itemIndex, 1);  
  
        this.computeCartTotals();  
    }  
}
```

Step 4: "Remove" button

File: cart-details.component.html

```
...  
<button (click)="remove(tempCartItem)" class="btn btn-primary btn-sm">Remove</button>  
...
```

On click event
call the method: **remove(. . .)**



Step 4: "Remove" button

File: cart-details.component.ts

```
remove(theCartItem: CartItem) {  
    this.cartService.remove(theCartItem);  
}
```