```
import java.util.ArrayList;
import java.util.Scanner;

class Product {
    private String name;
    private double price;
    private int stock;
    private String ecoFriendlyAlternative;

    public Product(String name, double price, int stock, String ecoFriendlyAlternative) {
        this.name = name;
        this.price = price;
        this.stock = stock;
        this.ecoFriendlyAlternative = ecoFriendlyAlternative;
    }

    public String getName() {
        return name;
    }

    public double getPrice() {
        return price;
    }

    public int getStock() {
        return stock;
    }

    public String getEcoFriendlyAlternative() {
        return ecoFriendlyAlternative;
    }

    public boolean reduceStock(int quantity) {
        if (stock >= quantity) {
            stock -= quantity;
            return true;
        }
        return false;
    }
}
```

```
class Store {
    private String name;
    private ArrayList<Product> products;

    public Store(String name) {
        this.name = name;
        this.products = new ArrayList<>();
    }

    public void addProduct(Product product) {
        products.add(product);
    }

    public void displayProducts() {
        System.out.println("\nWelcome to " + name + "!");
        System.out.println("Available Products:");
        for (int i = 0; i < products.size(); i++) {
            Product product = products.get(i);
            System.out.printf("%d. %s - %.2f (%d in stock)\n",
                    i + 1, product.getName(), product.getPrice(), product.getStock());
            if (product.getEcoFriendlyAlternative() != null) {
                System.out.println("   - Eco Alternative: " + product.getEcoFriendlyAlternative());
            }
        }
    }

    public Product findProduct(int index) {
        if (index >= 0 && index < products.size()) {
            return products.get(index);
        }
        return null;
    }
}


class ShoppingCart {
    private ArrayList<Product> cart;
    private ArrayList<Integer> quantities;

    public ShoppingCart() {
        this.cart = new ArrayList<>();
        this.quantities = new ArrayList<>();
```

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    }

    public void addToCart(Product product, int quantity) {
        if (product.reduceStock(quantity)) {
            cart.add(product);
            quantities.add(quantity);
            System.out.println(quantity + " x " + product.getName() + " added to your cart!");
        } else {
            System.out.println("Sorry, not enough stock for " + product.getName() + ".");
        }
    }

    public void displayCart() {
        System.out.println("\nYour Shopping Cart:");
        if (cart.isEmpty()) {
            System.out.println("Your cart is empty.");
            return;
        }
        double total = 0;
        for (int i = 0; i < cart.size(); i++) {
            Product product = cart.get(i);
            int quantity = quantities.get(i);
            double subtotal = product.getPrice() * quantity;
            System.out.printf("- %d x %s: %.2f\n", quantity, product.getName(), subtotal);
            total += subtotal;
        }
        System.out.printf("Total: %.2f\n", total);
    }
}


public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Store setup
        Store store = new Store("Eco-Friendly Store");
        store.addProduct(new Product("Reusable Water Bottle", 250, 20, "Plastic Bottle"));
        store.addProduct(new Product("Reusable Coffee Cups", 300, 25, "Disposable paper or
plastic coffee cups."));
        store.addProduct(new Product("Bamboo Toothbrush", 100, 25, "Plastic Toothbrush"));
        store.addProduct(new Product("Tote Bag", 150, 15, "Plastic Shopping Bag"));
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        store.addProduct(new Product("Organic Cotton T-Shirts", 200, 20, "Fast fashion
t-shirts"));
        store.addProduct(new Product("Solar Lamp", 1200, 10, "Regular Lamp"));
        store.addProduct(new Product("Stainless Steel Straw", 15, 20, "Single-use plastic
straw"));

        // Customer interaction
        ShoppingCart cart = new ShoppingCart();
        while (true) {
            store.displayProducts();
            System.out.println("\nOptions:");
            System.out.println("1. Add product to cart");
            System.out.println("2. View cart");
            System.out.println("3. Checkout and Exit");
            System.out.print("Choose an option: ");
            String choice = scanner.nextLine();

            switch (choice) {
                case "1":
                    try {
                        System.out.print("Enter product number: ");
                        int index = Integer.parseInt(scanner.nextLine()) - 1;
                        Product product = store.findProduct(index);
                        if (product != null) {
                            System.out.print("Enter quantity for " + product.getName() + ": ");
                            int quantity = Integer.parseInt(scanner.nextLine());
                            cart.addToCart(product, quantity);
                        } else {
                            System.out.println("Invalid product number.");
                        }
                    } catch (NumberFormatException e) {
                        System.out.println("Invalid input. Please enter a number.");
                    }
                    break;
                case "2":
                    cart.displayCart();
                    break;
                case "3":
                    cart.displayCart();
                    System.out.println("\nThank you for shopping with us! Goodbye!");
                    scanner.close();
                    return;
```

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                default:
                    System.out.println("Invalid choice. Please try again.");
            }
        }
    }
}
```