Credit Name: CSE 2110 Procedural Programming 1
Assignment Name: LunchOrder

What error message did you encounter (if any)?
- syntax error
- incorrect function usage
- logic error

What unexpected behavior did your program exhibit?
In the LunchOrder_Test would just ask which one to want and then ask for the amount, using an ArrayList.

What caused the issue? (e.g., syntax error, logic error, incorrect function usage, etc.)
incorrect function usage

Include a screenshot of specific lines of code.

```java
// menu list
LunchOrder[] menu = {
    new LunchOrder("Hamburger", 1.85, 9, 33, 1),
    new LunchOrder("Salad", 2.00, 1, 11, 5),
    new LunchOrder("French_fries", 1.30, 11, 36, 4),
    new LunchOrder("Soda", 0.95, 0, 38, 0)
};

// Display menu with nutrition info
System.out.println("Available Food Items:");
for (int i = 0; i < menu.length; i++) {
    System.out.println((i + 1) + ". " + menu[i].toString());
}

// store the order
ArrayList<LunchOrder> order = new ArrayList<>();

int choice = -1;

System.out.println("\nEnter the item number to add to your order.");
System.out.println("Type 0 when you are done.\n");

// Keep asking until user enters 0
while (choice != 0) {
    System.out.print("Choose an item (1-4, or 0 to finish): ");
    choice = input.nextInt();

    if (choice >= 1 && choice <= menu.length) {
        order.add(menu[choice - 1]);
        System.out.println(menu[choice - 1].getName() + " added!");
    } else if (choice != 0) {
        System.out.println("Invalid input. Try again.");
    }
}

// Show all items ordered
System.out.println("\nYour Order:");
for (LunchOrder item : order) {
    System.out.println("- " + item.getName());
}
```

How did you fix the issue?

Rewrote the code to be simpler by just asking one by one how many items you want.

Provide the corrected code or solution using a screenshot.

```
        //process hamburger orders
        System.out.print("Enter number of hamburgers: ");
        quantity = input.nextInt();
        orderTotal += quantity* hamburger.getPrice();
        System.out.print("Each hamburger has " + hamburger.getFat() + "g of fat, ");
        System.out.print(hamburger.getCarbohydrates() + "g of carbs, and ");
        System.out.println(hamburger.getFiber() + "g of fiber.\n");


        LunchOrder salad = new LunchOrder("Salad", 2.00, 1, 11, 5);
        //process salad orders
        System.out.print("Enter number of salads: ");
        quantity = input.nextInt();
        orderTotal += quantity* salad.getPrice();
        System.out.print("Each salad has " + salad.getFat() + "g of fat, ");
        System.out.print(salad.getCarbohydrates() + "g of carbs, and ");
        System.out.println(salad.getFiber() + "g of fiber.\n");

        LunchOrder french_fries = new LunchOrder("French fries", 1.30, 11, 36, 4);
        //process french_fries orders
        System.out.print("Enter number of french fries: ");
        quantity = input.nextInt();
        orderTotal += quantity* french_fries.getPrice();
        System.out.print("Each french fries has " + french_fries.getFat() + "g of fat, ");
        System.out.print(french_fries.getCarbohydrates() + "g of carbs, and ");
        System.out.println(french_fries.getFiber() + "g of fiber.\n");

        LunchOrder soda = new LunchOrder("Soda", 0.95, 0, 38, 0);
        //process soda orders
        System.out.print("Enter number of Sodas: ");
        quantity = input.nextInt();
        orderTotal += quantity* soda.getPrice();
        System.out.print("Each Soda has " + soda.getFat() + "g of fat, ");
        System.out.print(soda.getCarbohydrates() + "g of carbs, and ");
        System.out.println(soda.getFiber() + "g of fiber.\n");


        System.out.printf("\nTotal Price: $%.2f\n", orderTotal);
```

Screen Dumps:

```
Enter number of hamburgers: 2
Each hamburger has 9g of fat, 33g of carbs, and 1g of fiber.

Enter number of salads: 3
Each Salad has 1g of fat, 11g of carbs, and 5g of fiber.

Enter number of French fries: 4
Each French fries has 11g of fat, 36g of carbs, and 4g of fiber.

Enter number of Sodas: 5
Each Soda has 0g of fat, 38g of carbs, and 0g of fiber.


Total Price: $19.65
```