Reflection Logs

Credit name: Chapter 7
Assignment Name: Mastery - LunchOrder

```java
private int hamburger, salad, fries, soda;
public LunchOrder() {
    total = 0;
}
public void setLunchOrder() {
    total = hamburger*1.85+salad*2.00+fries*1.30+soda*0.95;
}
```

Set the default price of the bill and the method to calculate the total bill.

```java
public void setHamburger(int h) {
    hamburger += h;
    setLunchOrder();
}
public void setSalad(int s) {
    salad += s;
    setLunchOrder();
}
public void setFries(int f) {
    fries += f;
    setLunchOrder();
}
public void setSoda(int S) {
    soda += S;
    setLunchOrder();
}
```

Use the item set methods to collect the data from user's input in order to calculate the total

```java
public static void main(String[] args) {
    Scanner userinput= new Scanner (System.in);
    LunchOrder order = new LunchOrder();
    DecimalFormat df = new DecimalFormat("0.00");
    System.out.println("Item              Price     Fat(g)      Carbohydrates(g)      Fiber(g)");
    System.out.println("hamburger       $1.85      9               33                    1");
    System.out.println("salad           $2.00      1               11                    5");
    System.out.println("french fries    $1.30      11              36                    4");
    System.out.println("soda            $0.95      0               38                    0");
    System.out.print("Enter number of hamburgers: ");
    order.setHamburger(userinput.nextInt());
    System.out.println("Each hamburger has 9.0g of fat, 33.0g of carbs, and 1.0g of fiber.");
    System.out.println("  ");

    System.out.print("Enter number of salads: ");
    order.setSalad(userinput.nextInt());
    System.out.println("Each salad has 1.0g of fat, 11.0g of carbs, and 5.0g of fiber.");
    System.out.println("  ");

    System.out.print("Enter number of french fries: ");
    order.setFries(userinput.nextInt());
    System.out.println("Each french fries has 11.0g of fat, 36.0g of carbs, and 0.0g of fiber.");
    System.out.println("  ");

    System.out.print("Enter number of soda: ");
    order.setSoda(userinput.nextInt());
    System.out.println("Each soda has 0.0g of fat, 38.0 of crabs, and 0.0g of fiber.");
    System.out.println("  ");
```

Prompt the user about the menu, and ask the user to put the amount of item they need in each category.

```java
System.out.print("Your total is: $"+df.format(order.getTotal()));
```

After the user enter the quantity they need, the program will print out the total of the items they ask for.