ERROR LOG

```
System.out.print("Enter number of hamburgers");
f.burger(in.nextInt());
```

Methods aren't working in the code when trying to put user input

```
System.out.print("Enter order of hamburgers: ");
f.burger(in.nextInt(), 0, 0, 0);
```

Had to add numbers for the other variables in the method because i only had in.nextInt for the int num in f.burger but I also had to add numbers for double fat, double carb, and double fiber in the Lunchorder class

```
System.out.print("Your total is $" + f.orderTotal());
```

Eclipse calculations had a problem where the total would look like the example even though looking at the math it was not possible

Ex.
Your total is $ 19.0000000000000003

^^Sorry I don't have a picture

```
System.out.print("Your total is $" + deca.format(f.orderTotal()));
```

Added the decimal format so that it would only show to the hundredth decimal just to make sure

```
//prompt for user input and applies the f.burger method to it
System.out.print("Enter order of hamburgers: ");
f.burger(in.nextInt(), 0, 0, 0);

//prompt for user input and applies the f.salad method to it
System.out.print("Enter order of salads: ");
f.salad(in.nextInt(), 0, 0, 0);

//prompt for user input and applies f.fries method to it
System.out.print("Enter order of french fries: ");
f.fries(in.nextInt(), 0, 0, 0);

//prompt for user input and applies f.soda method to it
System.out.print("Enter order of sodas: ");
f.soda(in.nextInt(), 0, 0, 0);

//output message that tells the total dollars of the orders using
System.out.print("Your total is $" + deca.format(f.orderTotal()));
```

Had to change all of the code above to the one below this text because I misunderstood the assignment

```
//prompt for user input
System.out.print("Enter order of hamburgers: ");
//used for calculating price later
int Burger = in.nextInt();
/displays the fat carb and fiber values of each order of hamburgers
System.out.println("Each hamburger has " + hb.fat() + "g of fat, " + hb.carbs() + "g of carbs, and " + hb.fiber() + "g of fiber");

//prompt for user input
System.out.print("Enter order of salads: ");
/used for calculating price later
int Salad = in.nextInt();
//displays the fat carb and fiber values of each order of salads
System.out.println("Each salad has " + salad.fat() + "g of fat, " + salad.carbs() + "g of carbs, and " + salad.fiber() + "g of fiber");

//prompt for user input
System.out.print("Enter order of french fries: ");
/used for calculating price later
int Fries = in.nextInt();
/displays the fat carb and fiber values of each order of fries
System.out.println("Each order of french fries has " + fries.fat() + "g of fat, " + fries.carbs() + "g of carbs, and " + fries.fiber() + "g of fiber");

//prompt for user input
System.out.print("Enter order of sodas: ");
/used for calculating price later
int Soda = in.nextInt();
/displays the fat carb and fiber values of each order of sodas
System.out.println("Each soda has " + soda.fat() + "g of fat, " + soda.carbs() + "g of carbs, and " + soda.fiber() + "g of fiber");

//calculate the total price
double total = ((hb.price() * Burger)  + (salad.price() * Salad) + (fries.price() * Fries) + (soda.price() * Soda));

//output message that tells the total price of all orders
System.out.println("Your total is $" + deca.format(total));
```

```java
public class Food {

    //create variables
    private double price;

    //constructor method
    public Food() {
        price = 0;
    }

    //adds whatever number is set in mysavings to pen
    public void burger (int num, double fat, double carb, double fiber) {
        price += num * 1.85;
        fat = 9;
        carb = 33;
        fiber = 1;
        System.out.println("Each hamburger has "+ fat + "g of fat, " + carb + "g of carbs, and " + fiber + "g of fiber");
    }

    //adds whatever number is set in mysavings to nic
    public void salad (int num, double fat, double carb, double fiber) {
         price += num * 2;
         fat = 1;
         carb = 11;
         fiber = 5;
         System.out.println("Each salad has "+ fat + "g of fat, " + carb + "g of carbs, and " + fiber + "g of fiber");
    }

    //adds whatever number is set in mysavings to dime
    public void fries (int num, double fat, double carb, double fiber) {
        price += num * 1.3;
        fat = 11;
        carb = 36;
        fiber = 4;
        System.out.println("Each order of french fries has "+ fat + "g of fat, " + carb + "g of carbs, and " + fiber + "g of fiber");
    }

    //adds whatever number is set in mysavings to dime
    public void soda (int num, double fat, double carb, double fiber) {
        price += num * 0.95;
        fat = 0;
        carb = 38;
        fiber = 0;
        System.out.println("Each soda has "+ fat + "g of fat, " + carb + "g of carbs, and " + fiber + "g of fiber");
    }

    //turns pen nic and dime into their monetary values and adds them all together for the total amount in the bank
    public double orderTotal () {
        return price;
    }
}
```

Had to change all of the Food class also because I misunderstood the assignment and before it looked like the code above this text but now it looks like the one below

```java
package mastery;

public class Food {


        private double price;
        private int fat;
        private int carb;
        private int fiber;

        //Constructor method
        public Food(double prices, int fats, int carbs, int fibers) {
            price = prices;
            fat = fats;
            carb = carbs;
            fiber = fibers;
        }

        // Getter methods for food properties
        public double price() {
            return price;
        }
        public int fat() {
            return fat;
        }
        public int carbs() {
            return carb;
        }
        public int fiber() {
            return fiber;
        }
    }
```