```java
// PizzaHut.java

public class PizzaHut {
    // Fields representing PizzaHut
    private int pizzaCount; // pizzas sold
    private String specialPizza; //the special pizza of the month
    private double deliveryCharge; // charge for orders that were delivered

    // Constructor that accepts all fields
    public PizzaHut(int pizzaCount, String specialPizza, double deliveryCharge) {
        this.pizzaCount = pizzaCount;
        this.specialPizza = specialPizza;
        this.deliveryCharge = deliveryCharge;
    }

    public PizzaHut() {
        this.pizzaCount = 0; // Default to 0 pizzas that were sold
        this.specialPizza = null; // Default to no special pizza
        this.deliveryCharge = 0.0; // Default to no delivery charge
    }

    // pizzaCount
    public int getPizzaCount() {
        return pizzaCount;
    }

    public void setPizzaCount(int pizzaCount) {
        this.pizzaCount = pizzaCount;
    }

    // specialPizza
    public String getSpecialPizza() {
        return specialPizza;
    }

    public void setSpecialPizza(String specialPizza) {
        this.specialPizza = specialPizza;
    }

    // deliveryCharge
    public double getDeliveryCharge() {
        return deliveryCharge;
    }

    public void setDeliveryCharge(double deliveryCharge) {
        this.deliveryCharge = deliveryCharge;
    }
```

```java
    // discounts for pizzahut
    public void offerSpecialDeal() {
        System.out.println("Special Deal! Get 20% off on " + specialPizza + " this
month!");
    }


    //display all the attributes of PizzaHut
    public void printDetails() {
        System.out.println("Pizza Count: " + pizzaCount);
        System.out.println("Special Pizza: " + specialPizza);
        System.out.println("Delivery Charge: $" + deliveryCharge);
    }
}
```

```java
// McDonalds.java

public class McDonalds {
    // Fields representing McDonalds
    private int customerCount; // Number of customers served
    private String burgerOfTheDay; // Name of the burger of the day
    private double friesPrice; // Price of fries

    // accepts all fields
    public McDonalds(int customerCount, String burgerOfTheDay, double friesPrice) {
        this.customerCount = customerCount;
        this.burgerOfTheDay = burgerOfTheDay;
        this.friesPrice = friesPrice;
    }

    // sets all fields to default values
    public McDonalds() {
        this.customerCount = 0; // Default to 0 customers served
        this.burgerOfTheDay = null; // Default to no burger of the day
        this.friesPrice = 0.0; // Default to 0 fries price
    }

    // customerCount
    public int getCustomerCount() {
        return customerCount;
    }
```

```java
    public void setCustomerCount(int customerCount) {
        this.customerCount = customerCount;
    }


    // burgerOfTheDay
    public String getBurgerOfTheDay() {
        return burgerOfTheDay;
    }


    public void setBurgerOfTheDay(String burgerOfTheDay) {
        this.burgerOfTheDay = burgerOfTheDay;
    }


    // friesPrice
    public double getFriesPrice() {
        return friesPrice;
    }


    public void setFriesPrice(double friesPrice) {
        this.friesPrice = friesPrice;
    }


    // mcdonalds promote burger
    public void greetCustomer() {
        System.out.println("Welcome to McDonald's! Enjoy our " + burgerOfTheDay + "
today!");
    }


    // display all the attributes of McDonalds
    public void printDetails() {
        System.out.println("Customer Count: " + customerCount);
        System.out.println("Burger of the Day: " + burgerOfTheDay);
        System.out.println("Fries Price: $" + friesPrice);
    }
}
```

```java
// RestaurantApp.java
/*
```

```
name: Chasidy Pope
course: 14349
date: 8/31/2024
program objective: This application creates objects for two favorite restaurants and it
displays their attributes, modifies one attribute for each, and then displays the updated
information.
input: None
output: Attributes of each restaurant before and after
 */

public class RestaurantApp {
    public static void main(String[] args) {
        // objects for each restaurant
        PizzaHut pizzaHut = new PizzaHut(100, "Pepperoni Supreme", 3.99);
        McDonalds mcDonalds = new McDonalds(200, "Big Mac", 2.49);

        // attributes for both restaurants
        System.out.println("Initial PizzaHut Details:");
        pizzaHut.printDetails(); // details of PizzaHut
        pizzaHut.offerSpecialDeal(); //  special deal for PizzaHut
        System.out.println();

        System.out.println("Initial McDonalds Details:");
        mcDonalds.printDetails(); // details of McDonalds
        mcDonalds.greetCustomer(); // greeting for McDonalds
        System.out.println();

        // modified one of the attributes for each restaurant
        pizzaHut.setPizzaCount(150); // Changing pizza count for PizzaHut
        mcDonalds.setFriesPrice(2.99); // Changing fries price for McDonalds

        // updated attributes for both restaurants
        System.out.println("Updated PizzaHut Details:");
        pizzaHut.printDetails(); //  updated details of PizzaHut
        System.out.println();

        System.out.println("Updated McDonalds Details:");
        mcDonalds.printDetails(); //  updated details of McDonalds
    }
}
```