

The screenshot shows a Windows Command Prompt window titled "Command Prompt - java Mai". The session starts with copyright information from Microsoft. The user navigates to the directory "C:\Users\15056\OneDrive\Desktop\CS2210_FoodDeliverySystem". They compile the code with "javac *.java" and run the application with "java Main". The application displays a menu for the "Food Delivery System" with five options: 1. Login as Admin, 2. Login as Customer, 3. Login as Delivery Driver, 4. Create a New Customer, and 5. Exit. The user selects option 1 and enters their admin credentials. They enter a valid email ("mmlop@gmail.com") but an invalid password ("1000"). The application then asks for another login attempt. The user selects option 2 and enters a customer's email ("mmm") and password ("2202"), both of which are invalid. Finally, the user selects option 3 and enters a delivery driver's email ("lopes") and password ("2202"), both of which are invalid.

```
(c) Microsoft Corporation. All rights reserved.  
C:\Users\15056> cd C:\Users\15056\OneDrive\Desktop\CS2210_FoodDeliverySystem  
C:\Users\15056\OneDrive\Desktop\CS2210_FoodDeliverySystem> javac *.java  
C:\Users\15056\OneDrive\Desktop\CS2210_FoodDeliverySystem> java Main  
*** Food Delivery System ***  
1. Login as Admin  
2. Login as Customer  
3. Login as Delivery Driver  
4. Create a New Customer  
5. Exit  
Choose an option: 1  
Enter admin email: mmlop@gmail.com  
Enter password: 1000  
Invalid Email/Password  
  
*** Food Delivery System ***  
1. Login as Admin  
2. Login as Customer  
3. Login as Delivery Driver  
4. Create a New Customer  
5. Exit  
Choose an option: 2  
Enter email: mmm  
Enter password: 2202  
Invalid email/password.  
  
*** Food Delivery System ***  
1. Login as Admin  
2. Login as Customer  
3. Login as Delivery Driver  
4. Create a New Customer  
5. Exit  
Choose an option: 3  
Enter driver email: lopes  
Enter password: 2202  
Invalid Email/Password
```

Images show compilation of code compiling/executing, along with running options 1, 2, and 3 of the food delivery system menu.

```
Command Prompt-java Mai + ▾
Choose an option: 3
Enter driver email: lopes
Enter password: 2202
Invalid Email/Password

==== Food Delivery System ====
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: 4
Enter customer name: Miranda
Enter email: mmlopez2202@gmail.com
Enter phone number: 404-223-2324
Enter password: Ink2212
Enter address: 345 Ink place
Customer account created.

==== Food Delivery System ====
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: 2
Enter email: mmlopez2202@gmail.com
Enter password: Ink2212

--- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option: 1

--- Restaurants ---
1. Aj's Wings
2. Taco Bell
3. Back to Customer Menu
Select a restaurant: |
```

Image shows option 4 of food delivery menu being run, then running option 2 of food delivery menu again. The image also shows successful customer login and shows customer menu. Option 1 for the customer menu is being run as well.

```
Command Prompt - java Mai + | v
== Food Delivery System ==
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: 2
Enter email: mmlopez2202@gmail.com
Enter password: Ink2212

--- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option: 1

--- Restaurants ---
1. Aj's Wings
2. Taco Bell
3. Back to Customer Menu
Select a restaurant: 1

--- Aj's Wings Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 1

--- Menu Items ---
Wings - $9.99
Burger - $11.49
Fries - $4.00

--- Aj's Wings Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: |
```

This image shows option 1 of the customer menu being selected and the restaurant list being brought up. Next option 1 for Aj's wings is chosen and shows the menu items of the restaurant.

```
Command Prompt - Java Mai + ▾
Choose an option: 1
Wings added to cart. Total: $9.99

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 2
Burger added to cart. Total: $21.48

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 6
Enter payment method (Cash/Card): cash
Cart total: $21.48
Enter amount to pay: 21.48
Payment complete. Total amount paid: $21.48
Order placed successfully!
Driver: Greyhound
Total paid: $21.48

--- Aj's Wings Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 3

--- Reviews for Aj's Wings ---
No reviews available for this restaurant yet.
```

This image shows option 2 where you can select what items you want to put into your cart. This image shows how you can pick food options 1 and 2 on the cart menu. Then you can select to place order and pay either in cash or card, in this case cash was paid in full. The order is placed successfully, it shows you, your delivery driver, and the total amount paid. Then I selected option 3 on the menu to look up and create a review.

```
--- Aj's Wings Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 2

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 1
Wings added to cart. Total: $9.99

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 2
Burger added to cart. Total: $21.48

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 3
Fries added to cart. Total: $25.48
```

In this image we go back to option 2 to design another order for the same restaurant. This time we ordered everything on the menu.

```
Command Prompt - java Mai + | v
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 2
Burger added to cart. Total: $21.48

---- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 3
Fries added to cart. Total: $25.48

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 4

--- Remove Item ---
Select item to remove (1-3):3
Fries removed. Cart total: $21.48

---- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: |
```

This image shows how after ordering all the menu items we decide to remove a menu item.

```
Command Prompt - java Mai + v

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 5
Cart cleared.

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 1
Wings added to cart. Total: $9.99

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back ↵
Choose an option: 2
Burger added to cart. Total: $21.48

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
```

This image shows how we cleared the cart and then started to re-add in all the menu items back to the cart.

```
Command Prompt - java Mai + | v
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 1
Wings added to cart. Total: $9.99

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 2
Burger added to cart. Total: $21.48

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 3
Fries added to cart. Total: $25.48

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option:
```

This image shows all the items re-added back into the cart.

```
--> java mail <-- + ->
--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 6
Enter payment method (Cash/Card): card
Cart total: $25.48
Enter amount to pay: 25.48
Payment complete. Total amount paid: $25.48
Order placed successfully!
Driver: Eduardo
Total paid: $25.48
Next attachment
--- Aj's Wings Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 2

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 7

--- Aj's Wings Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: |
```

This image shows the new order is successful, the payment method is card, and the total is paid. The order is successful and the delivery driver is assigned.

```
Command Prompt - Java Mail X + ▾
6. Place Order
7. Back
Choose an option: 6
Enter payment method (Cash/Card): card
Cart total: $25.48
Enter amount to pay: 25.48
Payment complete. Total amount paid: $25.48
Order placed successfully!
Driver: Eduardo
Total paid: $25.48

--- Aj's Wings Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 2

--- Cart Menu ---
1. Wings - $9.99
2. Burger - $11.49
3. Fries - $4.00
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 7

--- Aj's Wings Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 4
Returning to restaurant list...

--- Restaurants ---
1. Aj's Wings
2. Taco Bell
3. Back to Customer Menu
Select a restaurant:
```

This image shows the order was successful. Went back into option 2 of Aj's Wings Menu and chose option 7. We then went back and chose option 2 on the Restaurant List.

```
Command Prompt - Java Mai + ▾
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 4
Returning to restaurant list...

--- Restaurants ---
1. Aj's Wings
2. Taco Bell
3. Back to Customer Menu
Select a restaurant: 2

--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 1

--- Menu Items ---
Taco - $2.50
Burrito - $4.25
Combo(Taco, Burrito, Drink) - $9.50

--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 2

--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option:
```

This image shows how we select Taco Bell from the Restaurant list. This then takes us to the Taco Bell Menu. We then chose option one to see Taco Bell's menu items, after that we chose option 2 to start an order.

```
--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 1
Taco added to cart. Total: $2.50

--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 2
Burrito added to cart. Total: $6.75

--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 6
Enter payment method (Cash/Card): cash
Cart total: $6.75
Enter amount to pay: 6.75
Payment complete. Total amount paid: $6.75
Order placed successfully!
All drivers are busy. Your order is waiting in the queue.
Total paid: $6.75

--- Taco Bell Menu ---
1. View Menu Items
```

Next attachment

This image shows we chose option 1 and 2 for menu items to order. Then we chose option 6 to place the order. The payment method used was cash, the order was successful, total is paid, and we are notified that the delivery drivers are busy and will get to our order when we get to the top of the queue.

The screenshot shows a Windows Command Prompt window titled "Command Prompt - java Mai". The window displays a menu with the following options:

- 1. Burrito - \$4.25
- 2. Combo(Taco, Burrito, Drink) - \$9.50
- 3. Remove Item from Cart
- 4. Clear Cart
- 5. Place Order
- 6. Back

After option 1 is selected, the message "Taco added to cart. Total: \$2.50" is displayed.

After option 2 is selected, the message "Burrito added to cart. Total: \$6.75" is displayed.

After option 3 is selected, the message "Combo(Taco, Burrito, Drink) added to cart. Total: \$16.25" is displayed.

After option 4 is selected, the message "Cart cleared." is displayed.

A "Next attachment" button is visible in the top right corner of the window frame.

This image shows how we made another order with all the menu items, then cleared the cart.

```
Command Prompt - java Mai + | v
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 1
Taco added to cart. Total: $2.50
---- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 2
Burrito added to cart. Total: $6.75
---- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 3
Combo(Taco, Burrito, Drink) added to cart. Total: $16.25
---- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option:
```

This image shows how we re-added all the menu items to the order.

```
Command Prompt - Java Mail + v
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 2
Burrito added to cart. Total: $6.75

--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 3
Combo(Taco, Burrito, Drink) added to cart. Total: $16.25

--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 6
Enter payment method (Cash/Card): card
Cart total: $16.25
Enter amount to pay: 16.25
Payment complete. Total amount paid: $16.25
Order placed successfully!
All drivers are busy. Your order is waiting in the queue.
Total paid: $16.25

--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option:
```

Next attachment

This image shows how we placed the order using card as the payment, the total is paid in full, and the order is in the delivery driver queue for pick up.

```
Command Prompt - java Mai + v
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 3
Combo(Taco, Burrito, Drink) added to cart. Total: $16.25

--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 6
Enter payment method (Cash/Card): card
Cart total: $16.25
Enter amount to pay: 16.25
Payment complete. Total amount paid: $16.25
Order placed successfully!
All drivers are busy. Your order is waiting in the queue.
Total paid: $16.25

--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 3

--- Reviews for Taco Bell ---
No reviews available for this restaurant yet.

--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: |
```

This image shows how we selected option 3 on Taco Bell's Menu to see reviews and or leave one.

```
Command Prompt - java Mai + ▾
--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 4
Returning to restaurant list...

--- Restaurants ---
1. Aj's Wings
2. Taco Bell
3. Back to Customer Menu
Select a restaurant: 3
Returning to Customer Menu...

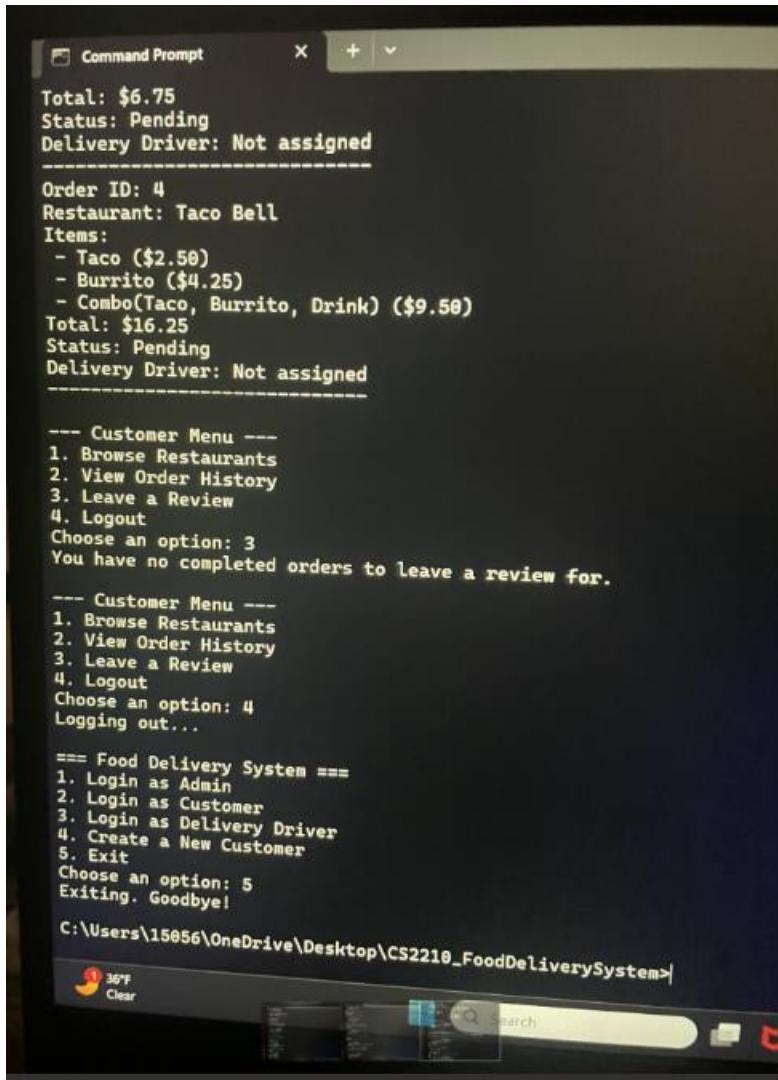
--- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option: 2

--- Your Order History ---
Order ID: 1
Restaurant: Aj's Wings
Items:
- Wings ($9.99)
- Burger ($11.49)
Total: $21.48
Status: Pending
Delivery Driver: Greyhound
-----
Order ID: 2
Restaurant: Aj's Wings
Items:
- Wings ($9.99)
- Burger ($11.49)
- Fries ($4.00)
Total: $25.48
Status: Pending
Delivery Driver: Eduardo
```

This image shows us using option 4 in the Taco Bell Menu to return to the Restaurant list. Then from the list we select option 3 and this sends us back to Customer Menu. We then chose option 2 from customer menu and start to view order history.

```
Command Prompt - java Mai + v
- Burger ($11.49)
Total: $21.48
Status: Pending
Delivery Driver: Greyhound
-----
Order ID: 2
Restaurant: Aj's Wings
Items:
- Wings ($9.99)
- Burger ($11.49)
- Fries ($4.00)
Total: $25.48
Status: Pending
Delivery Driver: Eduardo
-----
Order ID: 3
Restaurant: Taco Bell
Items:
- Taco ($2.50)
- Burrito ($4.25)
Total: $6.75
Status: Pending
Delivery Driver: Not assigned
-----
Order ID: 4
Restaurant: Taco Bell
Items:
- Taco ($2.50)
- Burrito ($4.25)
- Combo(Taco, Burrito, Drink) ($9.50)
Total: $16.25
Status: Pending
Delivery Driver: Not assigned
-----
---- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option:
```

This image shows the rest of the order history for this customer account.



A screenshot of a Windows desktop environment. In the center is a Command Prompt window titled "Command Prompt". The window displays the following text:

```
Total: $6.75
Status: Pending
Delivery Driver: Not assigned
-----
Order ID: 4
Restaurant: Taco Bell
Items:
- Taco ($2.50)
- Burrito ($4.25)
- Combo(Taco, Burrito, Drink) ($9.50)
Total: $16.25
Status: Pending
Delivery Driver: Not assigned
-----
--- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option: 3
You have no completed orders to leave a review for.

--- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option: 4
Logging out...
==== Food Delivery System ====
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: 5
Exiting. Goodbye!
```

The taskbar at the bottom of the screen shows the path "C:\Users\15056\OneDrive\Desktop\CS2210_FoodDeliverySystem>" and includes icons for weather (36°F), search, file explorer, and a browser.

This image shows us choosing option 3 and it shows we have no reviews. Then we choose option 4 to logout. After returning to Food Delivery System we choose option 5 to exit the program.