Files.md 2024-12-23

Problem Statement: Food Order System Using File Handling in Python

Scenario:

Imagine you are building a simple food order system for a small restaurant. Customers can place their orders through a terminal, and the system will record their details in a text file. Each order includes the customer's name, their contact number, and the food items they ordered. The system should be able to:

- 1. **Take a customer's order**: The customer will specify their name, contact number, and the food items they want to order.
- 2. Save the order in a text file: Each order will be saved in a file called orders.txt for future reference.
- 3. View all orders: The system should be able to display all recorded orders from the file.

Requirements:

- Create a function that takes the customer's name, contact number, and food items as input.
- Save the information to a text file, where each order is stored in a new line.
- Add a function to read and display all saved orders from the file.

Example:

1. Input:

```
Name: John Doe
Contact: 555-1234
```

Food Items: Burger, Fries, Coke

2. File (orders.txt) after saving the order:

```
John Doe, 555-1234, Burger, Fries, Coke
```

3. Displaying all orders:

```
Orders:
John Doe, 555-1234, Burger, Fries, Coke
Jane Smith, 555-5678, Pizza, Salad, Water
```

Expected Output:

- 1. The program will prompt for the customer's name, contact number, and food items.
- 2. The program will then save this information into orders.txt.
- 3. When the user wants to view the orders, the system will read from the file and display all orders in a user-friendly format.