Cafe Menu Project

Summary

This project, titled **"Cafe Menu Project,"** is a Python-based automation script designed to manage a basic restaurant ordering system. It allows a user to view a menu, select items, and automatically calculates the final bill.

Core Functionalities of the Project

1. **Menu Definition (Data Structure):**
    - The project uses a **Python Dictionary** named `menu` to store the items and their respective prices.
    - It includes a variety of items such as **Pizza (100)**, **Pasta (90)**, **Veg Burger (60)**, and various beverages.
2. **User Greeting and Menu Display:**
    - The script greets the customer with a "Welcome" message and prints a list of available items along with their prices.
3. **Interactive Ordering System:**
    - **First Order:** The script asks the user to input the name of the item they want to order using the `input()` function.
    - **Validation:** It checks if the entered item exists in the `menu` dictionary using an `if-else` statement. If it exists, the price is added to a variable called `order_total`; otherwise, it informs the user that the item is unavailable.
4. **Sequential Selection:**
    - After the first item, the script asks if the user wants to add another item.
    - If the user answers **"Yes"**, it repeats the process for a second item and updates the total amount.
5. **Final Bill Calculation:**
    - Once the ordering process is complete, the script uses **f-strings** to display the final total amount the customer needs to pay.

Technical Breakdown

- **Input Handling:** Uses the `input()` function to take real-time data from the customer.
- **Conditional Logic:** Uses `if-else` blocks to handle logic (e.g., checking if an item is on the menu or if the user wants to continue ordering).
- **Variable Management:** Uses `order_total` to keep a running sum of the prices.

Key Observations

The output log shows a successful execution where a user ordered a **Pizza (100)** and a **Cold Coffee (100)**, resulting in a total amount of **200**. This demonstrates that the logic correctly identifies keys in the dictionary and retrieves their integer values for calculation.