Class Exercise:

Invoice for customer

In this exercise, we will create a program that generates a customized invoice for a customer based on their purchases. We will use string formatting to populate the invoice template with the customer's information and item details.

Your task is to write the code that takes input from the user for their name, address, and purchased items. Then, using string formatting, generate an invoice that includes the customer's details and itemized information.

# Prompt the user for customer information

name = input("Enter customer name: ")

address = input("Enter customer address: ")

# Prompt the user for purchased items

num\_items = int(input("Enter the number of items purchased: "))

# Initialize variables

item\_names = []

item\_prices = []

total\_price = 0

# Get item details from the user

# Your code here

# Generate the invoice using string formatting

invoice = f"""

Invoice

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Customer Name: {name}

Customer Address: {address}

Items Purchased:

"""

# Add itemized information to the invoice

# Your code here

# Print the generated invoice

print(invoice)

Enter customer name: John Doe

Enter customer address: 123 Main Street

Enter the number of items purchased: 3

Enter item name: T-Shirt

Enter item price: 15.99

Enter item name: Jeans

Enter item price: 29.99

Enter item name: Shoes

Enter item price: 49.99

Invoice

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Customer Name: John Doe

Customer Address: 123 Main Street

Items Purchased:

T-Shirt: $15.99

Jeans: $29.99

Shoes: $49.99

Total Price: $95.97