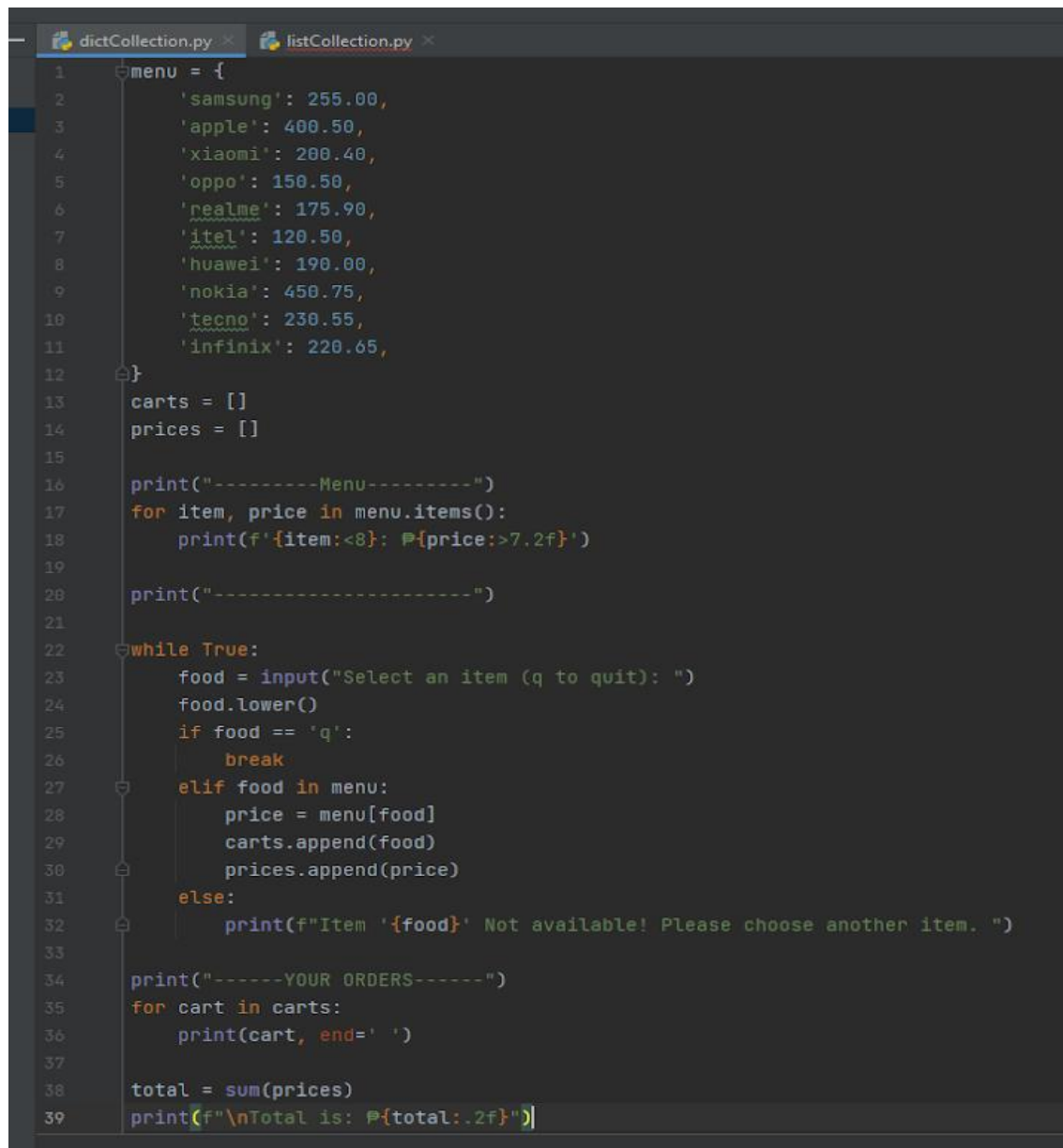


**MIDTERM TASK 4: Using Dictionary Collections**

The user will continue to input orders until q is typed to quit. Then display the summary of orders with the total bill.

1. Use a dictionary(for the menu) and List(for the orders in the cart)
2. Users may input the same item in the cart.
3. Follow the exact format and whitespace for the menu
4. User input should be case insensitive
5. If the user inputted an item not in the Menu – it will not include it in the cart and display “Not Available” and input another item
6. Create a MENU with 10 items and assign prices in Peso (php) - You may choose what items you would like to put in your cart



```
dictCollection.py x listCollection.py x
1 menu = {
2     'samsung': 255.00,
3     'apple': 400.50,
4     'xiaomi': 200.40,
5     'oppo': 150.50,
6     'realme': 175.90,
7     'itel': 120.50,
8     'huawei': 190.00,
9     'nokia': 450.75,
10    'tecno': 230.55,
11    'infinix': 220.65,
12 }
13 carts = []
14 prices = []
15
16 print("-----Menu-----")
17 for item, price in menu.items():
18     print(f'{item:<8}: ₱{price:>7.2f}')
19
20 print("-----")
21
22 while True:
23     food = input("Select an item (q to quit): ")
24     food.lower()
25     if food == 'q':
26         break
27     elif food in menu:
28         price = menu[food]
29         carts.append(food)
30         prices.append(price)
31     else:
32         print(f"Item '{food}' Not available! Please choose another item. ")
33
34 print("-----YOUR ORDERS-----")
35 for cart in carts:
36     print(cart, end=' ')
37
38 total = sum(prices)
39 print(f"\nTotal is: ₱{total:.2f}")
```

```
C:\Users\COMLAB\AppData\Local\Programs\Python\Python311\py
-----Menu-----
samsung : ₦ 255.00
apple   : ₦ 400.50
xiaomi  : ₦ 200.40
oppo    : ₦ 150.50
realme  : ₦ 175.90
itel    : ₦ 120.50
huawei   : ₦ 190.00
nokia   : ₦ 450.75
tecno   : ₦ 230.55
infinix : ₦ 220.65
-----
Select an item (q to quit): apple
Select an item (q to quit): samsung
Select an item (q to quit): vivo
Item 'vivo' Not available! Please choose another item.
Select an item (q to quit): q
-----YOUR ORDERS-----
apple samsung
Total is: ₦655.50
```