Midterm Lab Task 4
Using Dictionary Collections

Problem 1. Create the following UI for menu items: then allow the user to input orders

```
--------- MENU ---------
pizza     : $3.00
nachos    : $4.50
popcorn   : $6.00
fries     : $2.50
chips     : $1.00
pretzel   : $3.50
soda      : $3.00
lemonade  : $4.25
------------------------
Select an item (q to quit): pizza
Select an item (q to quit): soda
Select an item (q to quit): q
------ YOUR ORDER ------
pizza soda
Total is: $6.00

Process finished with exit code 0
```

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. Follw 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

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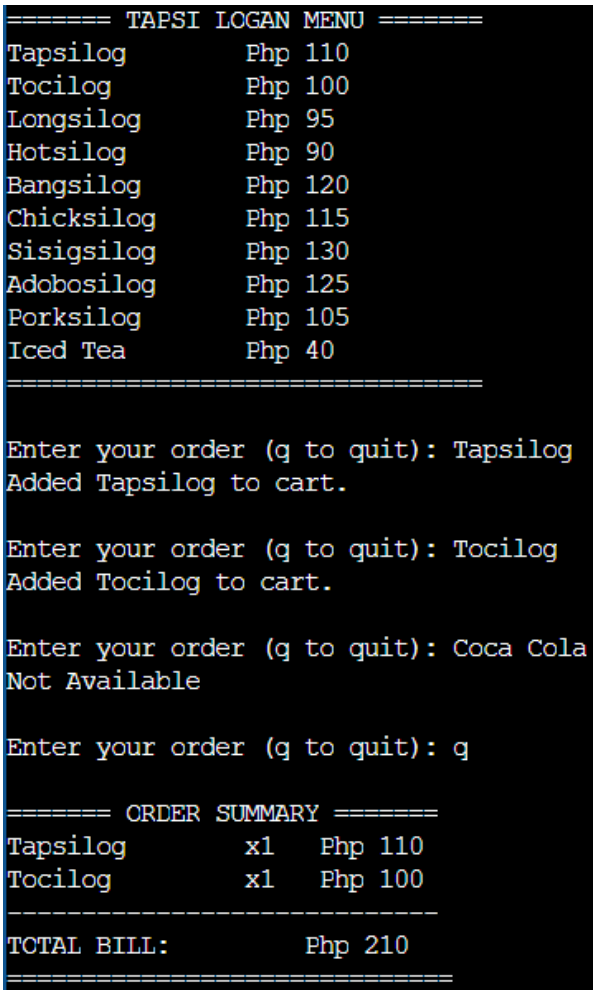
```
# Tapsilogan Menu Dictionary
menu = {
    "Tapsilog": 110,
    "Tocilog": 100,
    "Longsilog": 95,
    "Hotsilog": 90,
    "Bangsilog": 120,
    "Chicksilog": 115,
    "Sisigsilog": 130,
    "Adobosilog": 125,
    "Porksilog": 105,
    "Iced Tea": 40
}

# Print Menu
print("======= TAPSI LOGAN MENU =======")
for item, price in menu.items():
    print(f"{item:15} Php {price}")
print("================================")

orders = []  # list for cart

while True:
    order = input("\nEnter your order (q to quit): ").strip()

    if order.lower() == "q":
        break

    # Check if order is in menu (case-insensitive)
    found = False
    for item in menu:
        if item.lower() == order.lower():
            orders.append(item)
            print(f"Added {item} to cart.")
            found = True
            break
```

Sample Output



```
======= TAPSI LOGAN MENU =======
Tapsilog        Php 110
Tocilog         Php 100
Longsilog       Php 95
Hotsilog        Php 90
Bangsilog       Php 120
Chicksilog      Php 115
Sisigsilog      Php 130
Adobosilog      Php 125
Porksilog       Php 105
Iced Tea        Php 40
================================

Enter your order (q to quit): Tapsilog
Added Tapsilog to cart.

Enter your order (q to quit): Tocilog
Added Tocilog to cart.

Enter your order (q to quit): Coca Cola
Not Available

Enter your order (q to quit): q

======= ORDER SUMMARY =======
Tapsilog        x1   Php 110
Tocilog         x1   Php 100
--------------------------------
TOTAL BILL:          Php 210
================================
```

```
    if not found:
        print("Not Available")

# Display Summary
print("\n======= ORDER SUMMARY =======")
if orders:
    total = 0
    counted = {}

    for item in orders:
        counted[item] = counted.get(item, 0) + 1

    for item, qty in counted.items():
        price = menu[item] * qty
        total += price
        print(f"{item:15} x{qty:<3} Php {price}")

    print("----------------------------")
    print(f"TOTAL BILL:{' ':8} Php {total}")
else:
    print("No orders made.")
print("============================")
```