

# 1. Food Order Processing System

## Problem Statement:

Implement a food ordering system using Python dictionaries and lists.

## Tasks:

- Store a menu with food items and their prices.
- Allow users to select multiple food items and enter quantities.
- Calculate the total bill amount and display a summary.

## Business Insight:

- Helps understand **order processing** in a restaurant.

## Recommended Output Format:

Menu:

1. Burger - \$5
2. Pizza - \$8
3. Coffee - \$3

Enter item number (0 to stop): 1

Enter quantity: 2

Enter item number (0 to stop): 3

Enter quantity: 1

Order Summary:

Burger x 2 - \$10

Coffee x 1 - \$3

Total Bill: \$13

## Hint:

- Use a **dictionary** to store food items and prices.
- Use a **loop** to take multiple orders until the user exits.
- Calculate the total bill by multiplying **quantity × price**.