

Assignment 4: General Store

Objective

Create a simple Python program to simulate a basic general store system.

Requirements

1. The user (customer) will input the name and quantity of the product they want to purchase.
2. The shopkeeper (system) will have a predefined stock (items and their quantities with prices).
3. The system will check:
 - If the product is available in stock.
 - If the required quantity is available.
 - Calculate the total cost based on the price.
4. If the product is available, it will be added to the cart/bill.
5. At the end, show the user a simple bill with items, quantity, and total amount.

Guidelines

- Use lists or dictionaries to manage stock and cart.
- Keep the user interaction through the terminal (input/output).
- Make the code readable and properly commented.
- Do not use any external libraries.
- Use basic Python only (loops, conditionals, functions).