🐍 HamiSkills Internship – Python Development Track
Week 1 Task: Product Inventory System for Hami MiniMarket

📖 Project Brief
HamiSkills is launching **Hami MiniMarket**, a small community shop for fruits and vegetables. We need a **basic inventory management script** in Python that helps the shopkeeper keep track of products, prices, and stock levels.

As a Python developer, your role is to build a **command-line program** that allows adding, viewing, and updating products.

✅ Deliverables
1. Core Features
- Add a new product (name, category, price, quantity)
- View all products in a formatted table
- Update stock quantity of an existing product
- Calculate the total value of all products in stock

2. Technical Requirements
- Use **lists or dictionaries** to store product data
- Write **functions** for each feature (add, view, update, calculate)
- Ensure the program runs in the terminal without errors
- Add **input validation** (e.g., price and quantity must be numbers)

3. Optional Bonus
- Save and load product data from a **CSV or JSON file**
- Add a simple **search function** (e.g., find product by name)

📁 Submission Guidelines

Submit your `.py` file with clear comments explaining your code
Upload your project to GitHub with a **README.md** that explains:

- What the program does
- How to run it
- Example inputs/outputs

Share your GitHub repo link on **hamiskills.dev** under Week 1 tasks

🌍 Professional Practice Requirement

- After uploading to GitHub, write a short **LinkedIn post** about your project (include a screenshot of your program running in the terminal)
- Submit the LinkedIn post link in the system

🎯 Evaluation Criteria

- Code readability and structure (functions, comments, naming)
- Correctness of features (add, view, update, calculate)
- Use of Python best practices (input validation, modular code)
- Professional presentation (GitHub repo + LinkedIn post)