

1. Inventory Management System

You are tasked with developing a **small inventory management** system for a warehouse. The system should perform the following tasks:

Requirements:

1. **Input:**

- Ask the user for **the number of products** in the inventory.
- For each product, input the **product name**, **quantity in stock**, and **price per unit**.

2. **Processing:**

- Calculate the **total value of each product** in stock by multiplying the quantity by the price.
- Find the **product with the highest value** in stock.
- Calculate the **total value of all products** in the inventory.

3. **Output:**

- Display each product's name, quantity, price per unit, and total value.
- Print the product with the highest value in stock.
- Display the total value of the entire inventory.