

E-Commerce Inventory System

(v1)

main

Inventory Manager new

ex.

Product = p1
 p2

add

display

remove

product

id

name

category

price

quantity

ToString()

[get()]
[set()]

Inventory Manager

Arraylist Products of product

Add

remove via id

display

(v2)

Wanted to add menu and changing product stock live in menu
Add total price, sale by percent in menu, & other features

main

menu = scanner

Boolean to exit

1. Add Product
2. Display Products
3. Remove Product
4. Document Purchased Product
5. Display Revenue
6. Exit

Product

same

Inventory Manager

added

- purchase

- display revenue

E-Commerce Inventory System

V3

Main

Comparator & Scanner
new scanner

check csv memory

- 1 add
 - 2 display
 - 3 Remove
 - 4 Purchase
 - 5 search
 - 6 sort
 - 7 Display sales report
 - 8 Save inventory
 - 9 load inventory
 - 10 Leave
- ← Switch-case

Product

same

Sale

product - id
 name
 Amount Sold
 Sale Amount

Inventory Manager

- add
- find product by ID
 - display products
 - save to CSV
 - load from CSV
 - Sort products
 - search by name, cat, price range
 - display sales report