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Code File Edit Selection View Go Run Terminal Window Help ⌘ cse 140 Sun 23 Nov 3:30 PM
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EXPLORER

CSE 140

new.py

```
1 # Simple Grocery Store System
2 # stored as [id: {name, price, stock}]
3 inventory = {}
4
5 def add_item():
6     p_id = input("Enter Item ID: ")
7
8     # check if id exists
9     if p_id in inventory:
10         print("Error: ID already exists!")
11         return
12
13     name = input("Product Name: ")
14     price = float(input("Price: "))
15     qty = int(input("Quantity: "))
16
17     # Storing as a list is simpler
18     inventory[p_id] = [name, price, qty]
19     print("Item added.")
20
21 def show_items():
22     if len(inventory) == 0:
23         print("Inventory is empty.")
24     else:
25         print("\nID  Name  Price  Qty")
26         print("-" * 30)
27         for key, val in inventory.items():
28             # val[0] is name, val[1] is price, val[2] is stock
29             print(f"{key}  {val[0]}  {val[1]}  {val[2]}")
30         print("-" * 30)
31
32 def edit_item():
33     target_id = input("Enter ID to edit: ")
34
35     if target_id in inventory:
36         current = inventory[target_id]
37         print("Current details:", current)
38
39         # Simple update - just overwrite everything
40         new_name = input("Enter New Name: ")
41         new_price = float(input("Enter New Price: "))
42         new_qty = int(input("Enter New Stock: "))
43
44         inventory[target_id] = [new_name, new_price, new_qty]
45         print("Updated successfully.")
```

Ln 60, Col 29 Spaces: 4 UTF-8 LF {} Python 3.14.0

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EXPLORER CSE 140 OUTLINE TIMELINE

```
new.py ●
new.py > main
32 def edit_item():
46     else:
47         print("Item not found.")
48
49 def remove_item():
50     target = input("Enter ID to delete: ")
51     if target in inventory:
52         del inventory[target]
53         print("Deleted.")
54     else:
55         print("ID not found.")
56
57 def main():
58     while True:
59         print("\n1. Add New Item")
60         print("2. View All")
61         print("3. Edit Item")
62         print("4. Delete Item")
63         print("5. Quit")
64
65         opt = input("Choose option (1-5): ")
66
67         if opt == '1':
68             add_item()
69         elif opt == '2':
70             show_items()
71         elif opt == '3':
72             edit_item()
73         elif opt == '4':
74             remove_item()
75         elif opt == '5':
76             print("Bye!")
77             break
78         else:
79             print("Wrong input.")
80
81 # Start the program
82 main()
```

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