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gg.py - /Users/Aman/Documents/gg.py

#Python Assignment 7

def main():
    grocery_list = []
    grand_total = 0.0

    while True:
        item_name = input("Enter grocery item (or 'done' to finish): ")
        if item_name.lower() == 'done':
            break

        try:
            quantity = int(input("Enter the quantity: "))
            unit_price = float(input("Enter the unit price: "))
        except ValueError:
            print("Invalid input. Please enter a valid quantity and unit price.")
            continue

        grocery_item = {'name': item_name, 'quantity': quantity, 'unit_price': unit_price}
        grocery_list.append(grocery_item)
        grand_total += quantity * unit_price

    print("\nGrocery List:")
    for item in grocery_list:
        total_price = item['quantity'] * item['unit_price']
        print(f"{item['name']} = Quantity: {item['quantity']}, Unit Price: {item['unit_price']}, Total Price: {total_price}")

    print(f"\nGrand Total: {grand_total:.2f}")

if __name__ == "__main__":
    main()
    
```

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IDLE Shell 3.11.3

Python 3.11.3 (v3.11.3:f3909b8bc8, Apr  4 2023, 20:12:10) [Clang 13
.0.0 (clang-1300.0.29.30)] on darwin
Type "help", "copyright", "credits" or "license()" for more informa
tion.

>>>
===== RESTART: /Users/Aman/Documents/gg.py =====
>>>
Enter grocery item (or 'done' to finish): apple
Enter the quantity: 2
Enter the unit price: 1.5
Enter grocery item (or 'done' to finish): eggs
Enter the quantity: 5
Enter the unit price: 2.24
Enter grocery item (or 'done' to finish): done

Grocery List:
apple = Quantity: 2, Unit Price: 1.5, Total Price: 3.0
eggs = Quantity: 5, Unit Price: 2.24, Total Price: 11.200000000000001

Grand Total: 14.20

Ln: 18 Col: 0
    
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