```
# List of basic grocery products with their prices per unit
basic_grocery_prices = {
    "apple": 0.5, "banana": 0.3, "milk": 1.2, "bread": 2.0, "eggs": 0.2,
    "rice": 0.8, "wheat": 0.6, "sugar": 0.7, "salt": 0.5, "oil": 1.0,
    "potato": 0.2, "onion": 0.3, "tomato": 0.4, "cabbage": 0.5, "carrot": 0.6,
    "orange": 0.7, "soap": 0.8, "toothpaste": 0.9, "shampoo": 1.0,
    "conditioner": 1.1, "toilet paper": 1.2, "tissue paper": 1.3, "handwash": 1.4,
    "sanitizer": 1.5, "mask": 1.6, "sprite": 1.7, "coke": 1.8, "pepsi": 1.9,
    "fanta": 2.0, "7up": 2.1, "lays": 2.2, "kurkure": 2.3, "bingo": 2.4,
    "doritos": 2.5, "cheetos": 2.6, "peanut butter": 2.7, "jam": 2.8
}

print("\nWelcome to the grocery store!")
print("Here is the list of available products with their prices per unit:\n")
for item, price in basic_grocery_prices.items():
    print(f"{item.capitalize()}: ${price:.2f}")

total_cost = 0.0

# Ask the user how many items they want to buy
while True:
    try:
        num_items = int(input("\nEnter the number of items you want to buy: "))
        if num_items <= 0:
            print("Please enter a positive number.")
        else:
            break
    except ValueError:
```

```
        print("Invalid input. Please enter a valid number.")

# Process each item
for _ in range(num_items):
    while True:
        item_name = input("\nEnter the name of the item: ").strip().lower()

        if item_name in basic_grocery_prices:
            price_per_unit = basic_grocery_prices[item_name]
            break
        else:
            print("❌ Invalid input! Item not found in the store. Please enter a valid item.")

    while True:
        try:
            quantity = float(input(f"Enter the quantity of {item_name}: "))
            if quantity < 0:
                print("Quantity cannot be negative. Please enter a valid number.")
            else:
                break
        except ValueError:
            print("Invalid input. Please enter a valid number.")

    total_price = quantity * price_per_unit
    total_cost += total_price

    print(f"✅ Total Cost for {item_name.capitalize()}: ${total_price:.2f}")
```

```
# Display final total cost
print("\n========================================")
print(f"🛒 Total Cost for all items: ${total_cost:.2f}")
print("Thank you for shopping with us! 🛍️")
print("========================================")
```