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import pandas as pd
import sqlite3

# Function to read data from spreadsheet 0 and insert into database
def process_spreadsheet_0(conn):
    df = pd.read_excel('data/spreadsheet_0.xlsx')
    df.to_sql('spreadsheet_0', conn, if_exists='replace', index=False)

# Function to process spreadsheet 1 and insert data into database
def process_spreadsheet_1(conn):
    df = pd.read_excel('data/spreadsheet_1.xlsx')

    # Group by shipping identifier and calculate quantity of goods in each shipment
    grouped = df.groupby('shipping_identifier')['quantity'].sum().reset_index()

    # Insert data into database
    grouped.to_sql('spreadsheet_1', conn, if_exists='replace', index=False)

# Function to process spreadsheet 2 and insert data into database
def process_spreadsheet_2(conn):
    df = pd.read_excel('data/spreadsheet_2.xlsx')

    # Insert data into database
    df.to_sql('spreadsheet_2', conn, if_exists='replace', index=False)

def main():
    # Connect to SQLite database
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    conn = sqlite3.connect('shipping_data.db')

    # Process and insert data from each spreadsheet
    process_spreadsheet_0(conn)
    process_spreadsheet_1(conn)
    process_spreadsheet_2(conn)

    # Close database connection
    conn.close()

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