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        EXCEL FILTER & SHEET CREATOR TOOL

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📋 WHAT THIS TOOL DOES:

- Filters Excel data by unique Names

- Creates separate sheet for each Name

- Adds TOTAL row with sums for specified columns

- Keeps original sheet intact

- Saves as new file with _Filtered.xlsx extension

📦 REQUIREMENTS:

- Python 3.6 or higher

- openpyxl library

🔧 INSTALLATION STEPS:

Step 1: Install Python

- Download from: https://www.python.org/downloads/

- During installation, CHECK "Add Python to PATH"

Step 2: Install Required Library

- Open Command Prompt (Windows) or Terminal (Mac/Linux)

- Run: pip install openpyxl

- Wait for "Successfully installed openpyxl" message

🚀 HOW TO USE:

Method 1 (Easiest):

1. Double-click excel_filter.py

2. A file browser window will open

3. Select your Excel file

4. Wait for processing to complete

5. Find output file in same folder as input

Method 2 (Command Line):

1. Open Command Prompt/Terminal

2. Navigate to this folder

3. Run: python excel_filter.py

4. Select your Excel file when prompted

📊 WHAT YOU'LL GET:

Output file will contain:

- Original sheet (unchanged)

- New sheets for each unique Name

- Filtered data for each Name

- TOTAL row at bottom with sums for:

 * Registered persons Gross supplies

 * Registered persons Gross Returned

 * Unregistered persons Gross supplies

 * Unregistered persons Gross Returned

* Amount IGST

   * Amount CGST

   * Amount SGST

   * Amount

✨ FEATURES:

✓ Dynamic - works on any system

✓ Auto file selection dialog

✓ Preserves original formatting

✓ Auto-adjusts column widths

✓ Safe - never overwrites existing files

✓ Progress messages during processing

❓ TROUBLESHOOTING:

"python is not recognized"

→ Try: python3 excel_filter.py

→ Or reinstall Python with "Add to PATH" checked

"No module named openpyxl"

→ Run: pip install openpyxl

Script closes immediately

→ Run from Command Prompt to see error messages

Permission denied

→ Close Excel file before running

→ Check folder write permissions

💡 TIPS:

- Close Excel file before processing

- Works with .xlsx and .xls files

- Can handle any number of rows/names

- Re-run anytime on new files

- Output files numbered if already exist

📧 SUPPORT:

For issues or questions, check the error messages

displayed in the console window.

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 Created with ❤️ for efficient data processing

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