Homework 3:

1. What is the purpose of the "Applied Steps" pane in Power Query?

The purpose of 'Applied Steps' pane is to show which steps are applied. So if we replace values, filter, add conditional column or apply statistics it will be visible to see which steps we applied.

2. How do you remove duplicate rows in Power Query?

Load your data into **Power Query Editor** (Transform Data).

Select the column(s) you want to check for duplicates.

- If you select **one column** → duplicates are removed based on that column.

- If you select **multiple columns** → duplicates are removed only if all selected column values match.

Go to the **Home tab** → click **Remove Rows → Remove Duplicates**.

Power Query keeps only the **first occurrence** of each duplicate.

3. What does the "Filter" icon do in Power Query?
   What you can do with it:
- ☑ **Select/Deselect values** (similar to Excel filter)
- ☑ Apply **Number filters** (e.g., greater than, less than, equal to)
- ☑ Apply **Text filters** (e.g., contains, begins with, does not contain)
- ☑ Apply **Date/Time filters** (e.g., before, after, between)
- ☑ Use **custom filters** (multiple conditions at once)

4.How would you rename a column from "CustID" to "CustomerID"?

I go to this column then press mouse's right click then there is a rename part with doing this rename column's name from CustID to CustomerID

5.What happens if you click "Close & Apply" in Power Query?

It saves all changes that we did in transform data (power query)

6.Remove all rows where Quantity is less than 2.

In the columns' filter Number Filters -> greater or equal to 2

7.Split the OrderDate column into separate "Year," "Month," and "Day" columns.

I did with Extract in the Add Column extracted with /. For Month text before delimiter For Day, text between delimiter and for Year text after delimiter and in advanced option we will write 1 to how many delimiters to skip to extract and then renamed columns.

8.Replace all "Mouse" entries in the Product column with "Computer Mouse."

I did it with replace values

9.Sort the table by OrderDate (newest first).

From filters sort descending

10.How would you handle null values in the Price column?

By replacing them with 0