1.What is the difference between "Merge" and "Append" in Power Query?
2.How do you split a "Full Name" column into "First Name" and "Last Name"?
3.What is "Pivot Columns" used for?
4.How do you undo a step in Power Query?
5.What is the purpose of "Reference" vs. "Duplicate" in queries?

6.Merge Orders.csv and Customers.xlsx on CustID (inner join).
7.Pivot the Product column to show total Quantity per product.
8.Append two tables with identical columns (e.g., Orders_Jan.csv + Orders_Feb.csv).
9.Use "Fill Down" to replace nulls in the Email column with the previous value.
10.Extract the domain (e.g., "example.com") from the Email column.
11.Write M-code to merge queries dynamically based on a parameter (e.g., JoinType = "Inner").
12.Unpivot a table with columns like "Jan_Sales," "Feb_Sales" into a "Month" and "Sales" format.
13.Handle errors in a custom column (e.g., division by zero) using try...otherwise.
14.Create a function in Power Query to clean phone numbers (e.g., remove dashes).
15.Optimize a query with 10+ steps—identify bottlenecks and simplify.

1.What is the difference between "Merge" and "Append" in Power Query?
"Merge" – Combines two or more tables by columns (similar to "JOIN" in SQL)
"Append" – Combines two or more tables by rows (similar to "UNION ALL" in SQL)

2.How do you split a "Full Name" column into "First Name" and "Last Name"?
To split the "Full Name" column into "First Name" and "Last Name", go to the "Home" tab and select "Split Column" > "By Delimiter"

3.What is "Pivot Columns" used for?
Pivot Columns transforms rows into columns by turning unique values from one column into new columns, and aggregates corresponding data in another column.

4.How do you undo a step in Power Query?
To undo a step, you need to delete the step from the "Applied Steps" pane.

5.What is the purpose of "Reference" vs. "Duplicate" in queries?

"Reference" – Based on the original table, meaning if the original table changes, the referenced table will also change.
"Duplicate" – Fully copied and does **not** depend on the original table; changes to the original won't affect it.

11. Write M-code to merge queries dynamically based on a parameter (e.g., JoinType = "Inner").

```
#"Expanded Customers" = Table.ExpandTableColumn(
    #"Merged Queries",
    "Customers",
    {"Name", "Email"},
    {"Customers.Name", "Customers.Email"}
)
```