ByteWise Data Engineering

Task 4

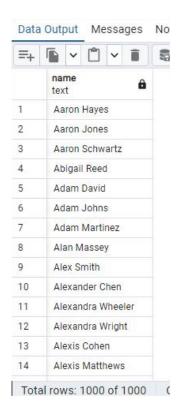
Question 1

Write a query to fetch all customer names and sort them alphabetically. (Topic Soring)

SELECT name

FROM task4_schema.customers

Order by name



Question 2:

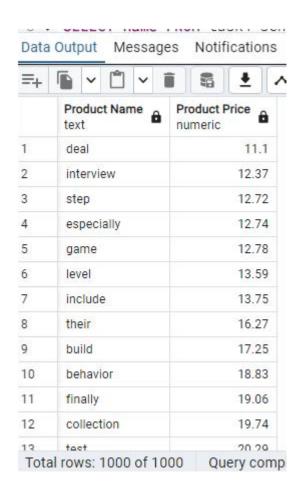
Write a query to fetch all product names and their prices, sorted by price from low to high. (Topic Sorting)

SELECT name AS "Product Name",

price AS "Product Price"

FROM task4_schema.products

Order By price Asc

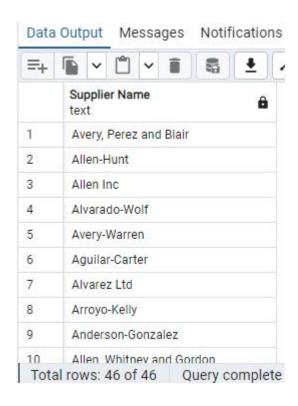


Write a query to fetch supplier names that start with the letter 'A' and sort them by their names. (Topic Sorting with Operators and Wildcards)

SELECT name AS "Supplier Name"

FROM task4_schema.suppliers

Where name LIKE 'A%'

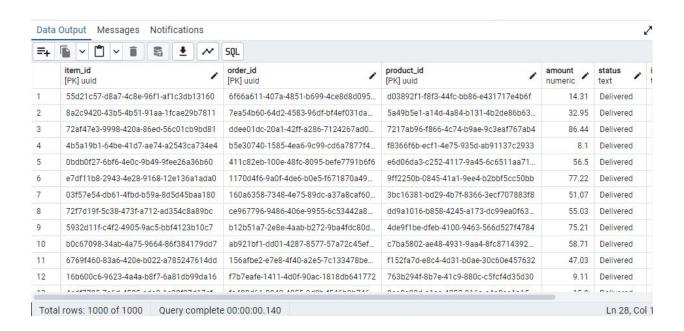


Write a query to fetch all items and sort them by their status, placing NULL values first.

SELECT *

FROM task4_schema.items

Order by status nulls first

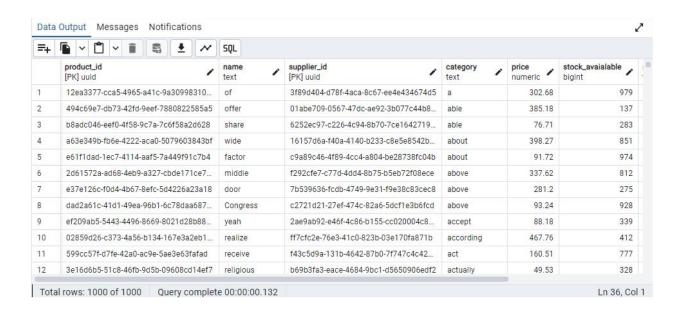


Write a query to fetch all products, sort them first by category and then by price in descending order.

SELECT * FROM

task4_schema.products

Order by category, price desc



Write a query to fetch all customer names and phone numbers, but sort them by the last four digits of their phone numbers in ascending order. (Hint use sorting with substings)

Using Substr:

SELECT name AS "Customer Name",

phone AS "Customer Phone No."

FROM task4_schema.customers

Order by substr(phone, length(phone) - 3, 4) Asc

Using Right:

SELECT name AS "Customer Name",

phone AS "Customer Phone No."

FROM task4_schema.customers

Order by right(phone, 4) Asc

