

Assignment: First RA Lab

Partner #1: Nhan Vo

Partner #2: Setha Proeung

Partner #3: Allen Lupisan

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1  /* Report out everything about customers who are in Italy or France. Order them by the name of
2  the customer. (16 rows)*/
3  ⚡ upper(customers.country) like 'ITALY' ∨ upper(customers.country) like 'FRANCE' customers
4
5  /*Report out everything about orders placed after January 1st, 2015 and whose status is either 'On
6  Hold' or 'Shipped'. Order by the order date in descending order. */
7
8  ⚡ orders.orderDate > date('2015-01-01') ∧ orders.status='Shipped' ∨ orders.status='On Hold' orders
9
10 /*Report out just the product name and product line of every product that has the string "two-tone"
11 in its description. Do not assume that you know anything about the case of the letters in that
12 string. Order by the name of the Product.*/
13 ⚡ products.productName, products.productLine ⚡ lower(products.productDescription) like '%two-tone%' ⚡
products.productName products
14
15 /*Provide a list of all employees whose last name starts with "B". Only report the office code, the
16 employee last name, and their first name. Order them by last name and first name within each
17 office. (4 rows)*/
18 ⚡ Employees.officeCode, Employees.lastName, Employees.firstName ⚡ (Employees.lastName) like 'B%' ⚡ Employees.lastName,
Employees.firstName Employees
19
20 /*List all the types of status that we have, in sorted order. Be sure to only list a given status once.
21 (6 rows)*/
22 ⚡ orders.status ⚡ orders.status orders
23
24 /*List all the columns for all the offices in Paris, France. Note that there are more than one city in
25 the world named Paris. Order by the territory in ascending order, then (secondary sort) on the
26 office code in descending order. (1 row)*/
27
28 ⚡ Offices.country like 'France' ∧ Offices.city='Paris' ⚡ Offices.territory, Offices.officeCode Offices
29
30
31
```

⚡ length(customers.country) like 'ITALY' or length(customers.country) like 'FRANCE'

16 rows

customers

122 rows

σ orders.orderDate > length('2015-01-01') and orders.status = 'Shipped' or orders.status = 'On Hold'

54 rows

orders

326 rows

π products.productName, products.productLine

6 rows

σ length(products.productDescription) like '%two-tone%'

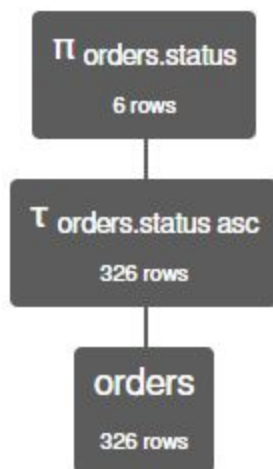
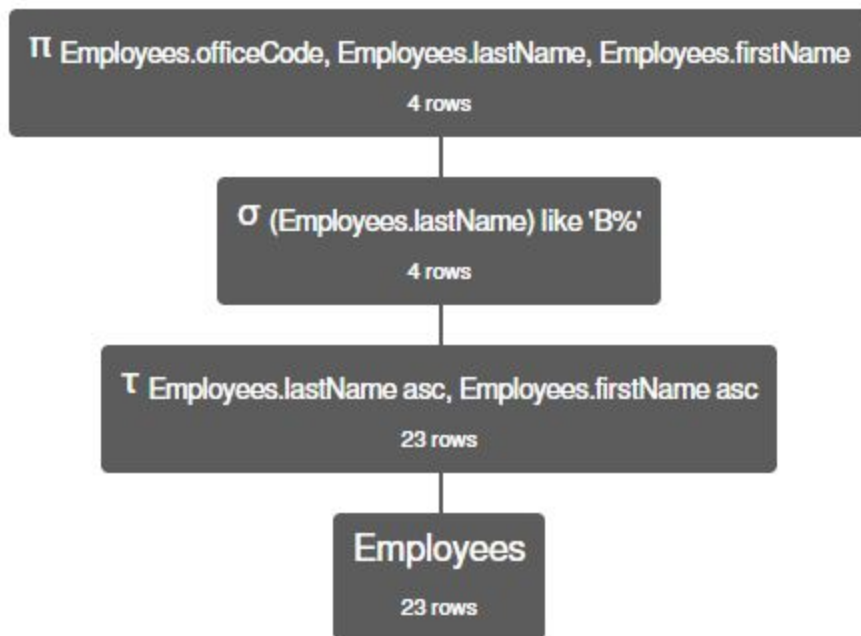
6 rows

τ products.productName asc

110 rows

products

110 rows



σ Offices.country like 'France' and Offices.city = 'Paris'

1 row

⌞ Offices.territory asc, Offices.officeCode asc

7 rows

Offices

7 rows