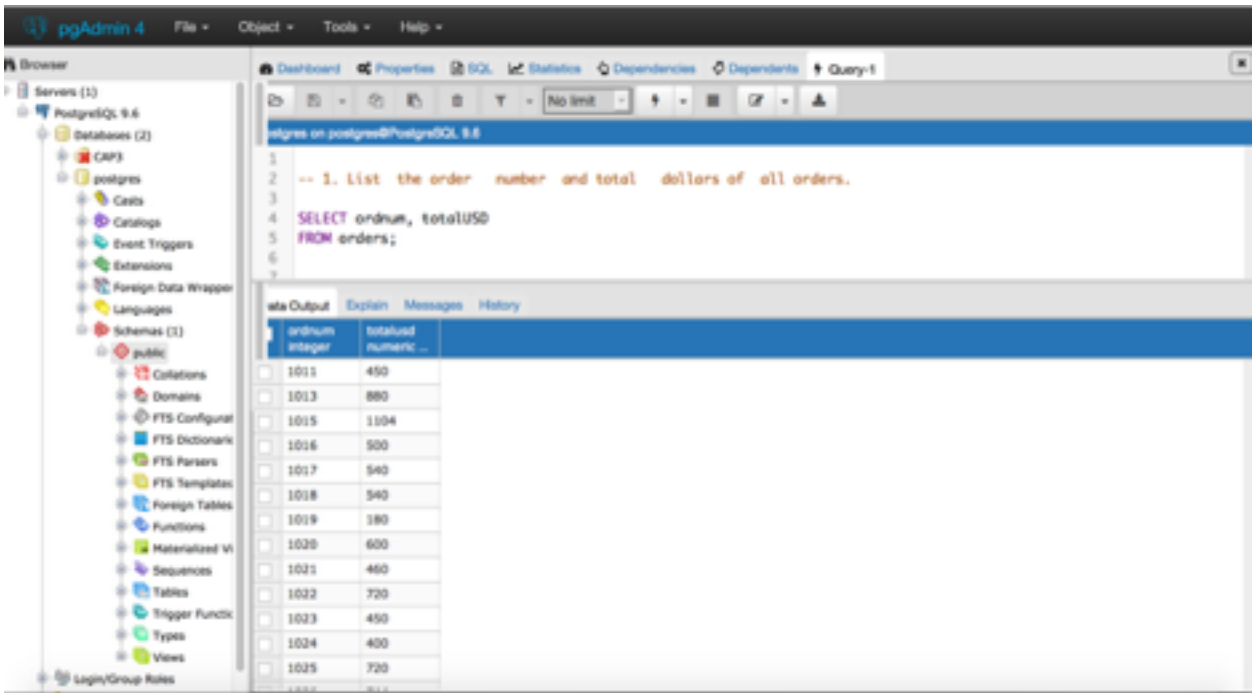
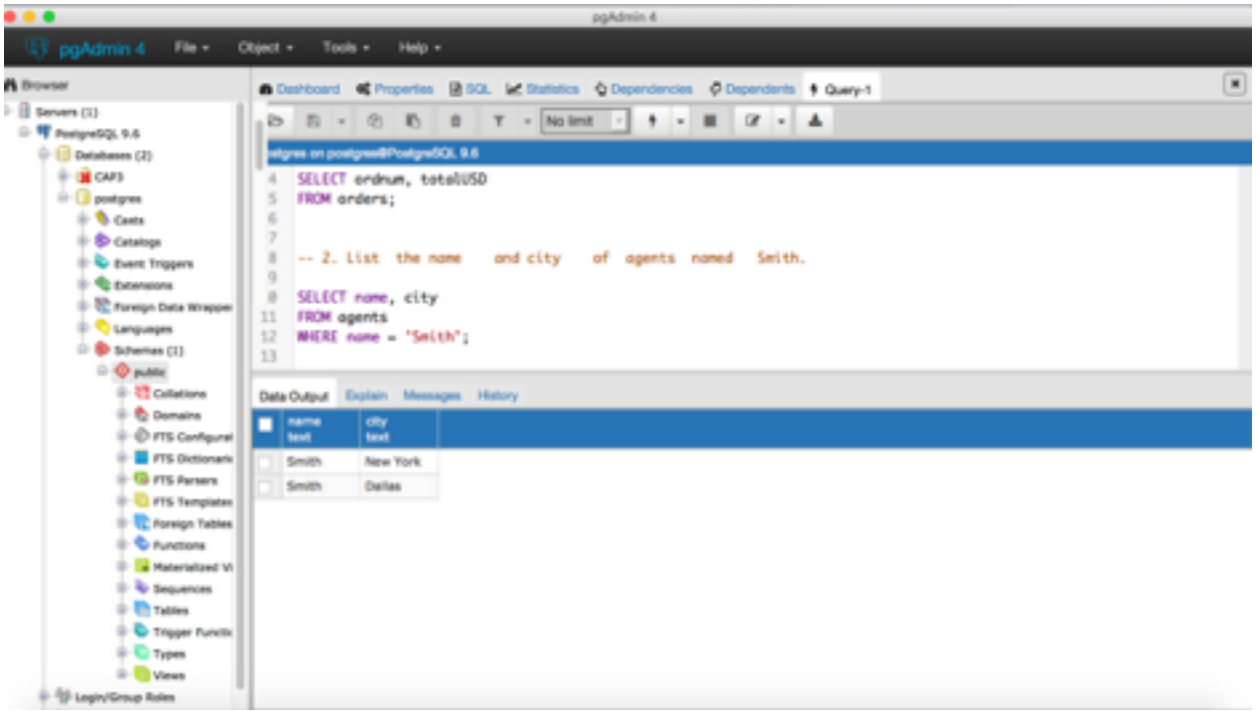
Reyhan Ayhan
Lab 3
09/21/16

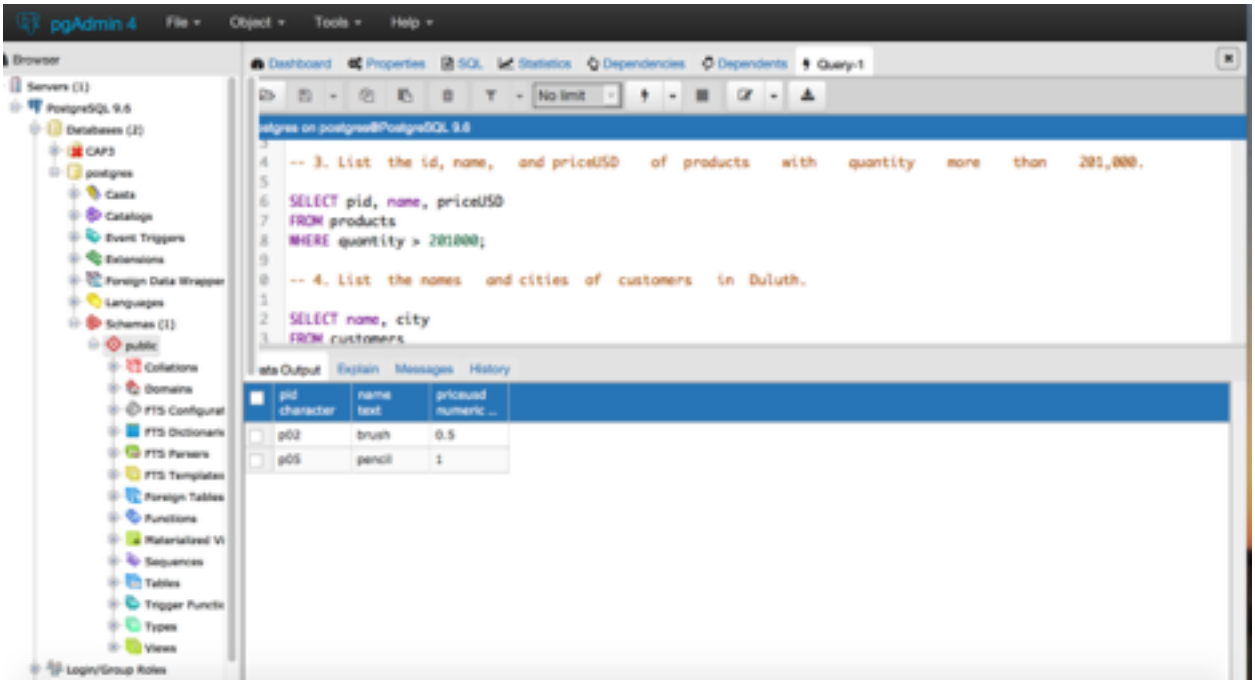
1.



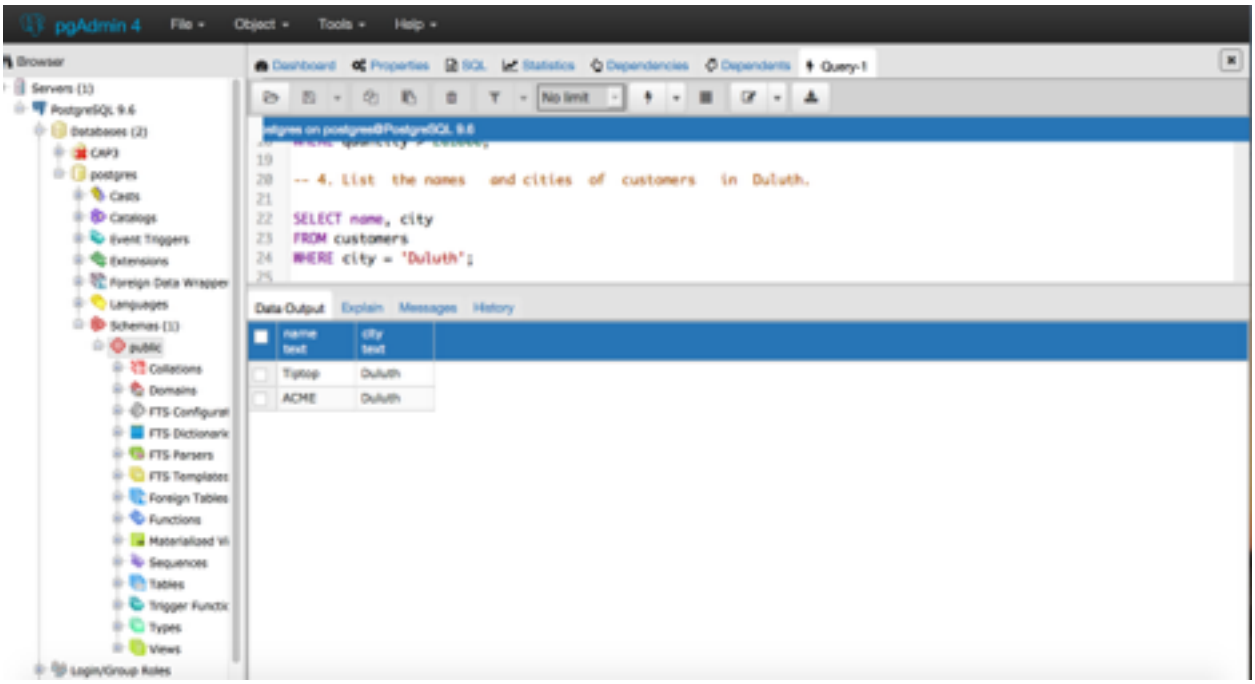
2.



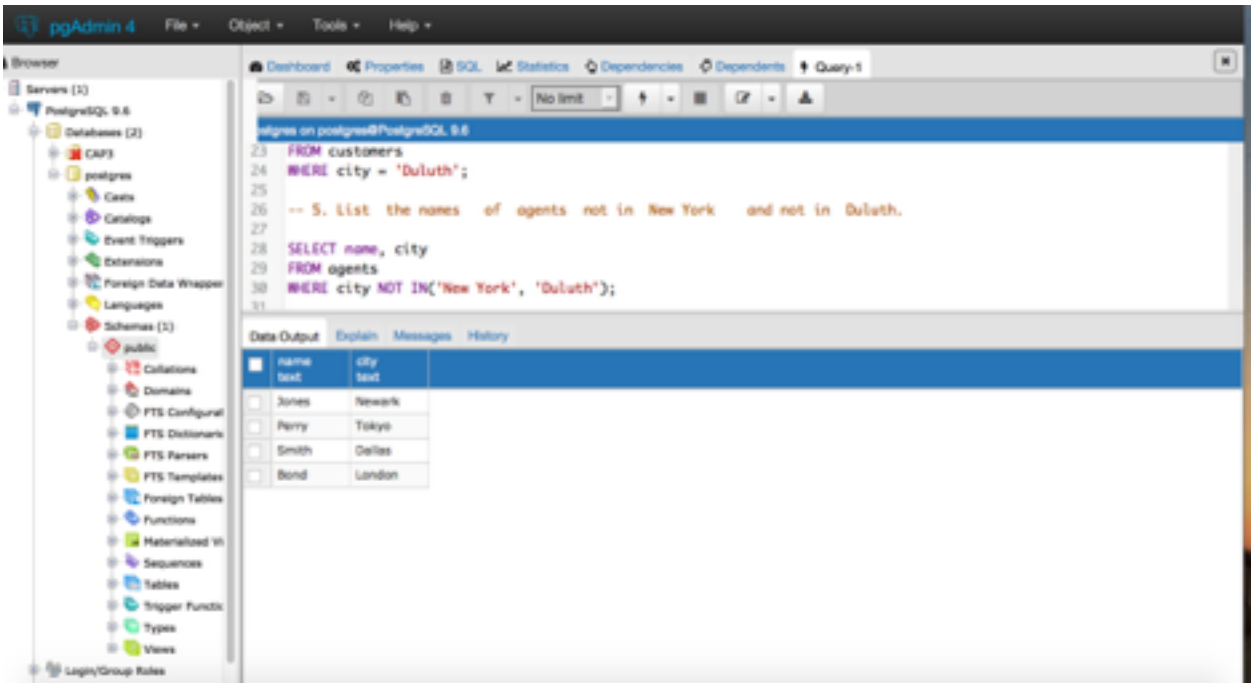
3.


pgAdmin 4
File
Object
Tools
Help
Browser
Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Query-1
No limit
-- 3. List the id, name, and priceUSD of products with quantity more than 201,000.
SELECT pid, name, priceUSD
FROM products
WHERE quantity > 201000;
-- 4. List the names and cities of customers in Duluth.
SELECT name, city
FROM customers
Data Output
Explain
Messages
History
pid character
name text
pricusd numeric
p02
brush
0.5
p05
pencil
1

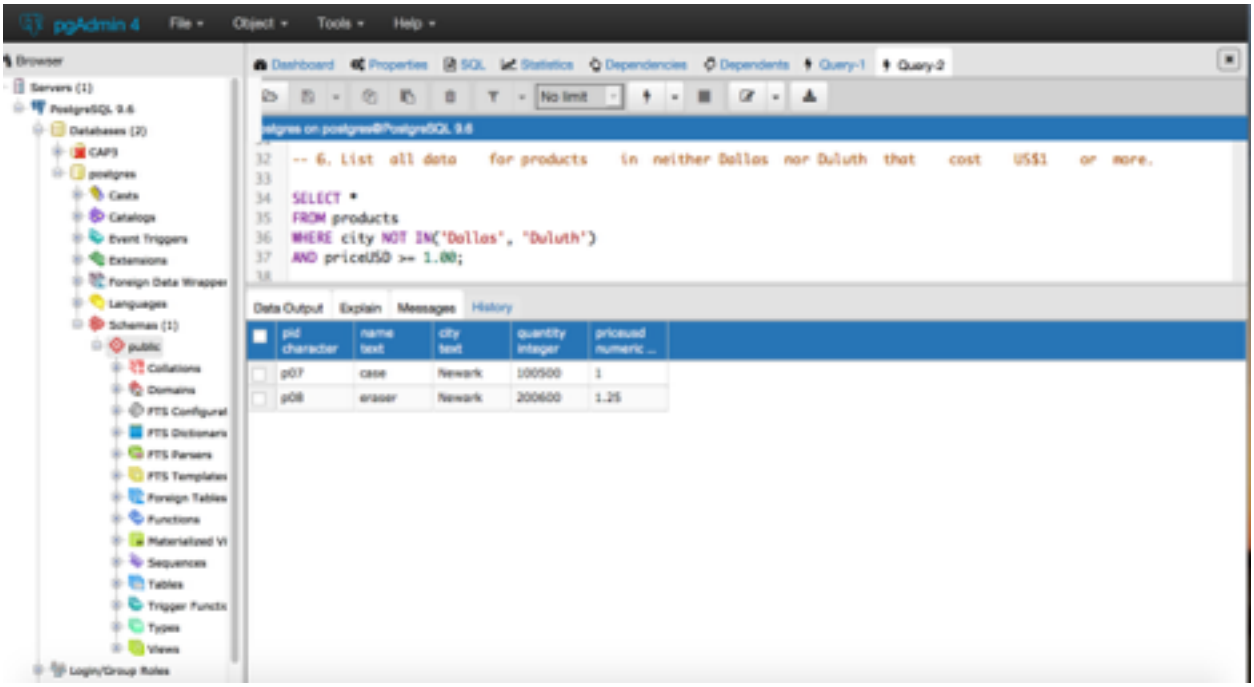
4.


pgAdmin 4
File
Object
Tools
Help
Browser
Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Query-1
No limit
-- 4. List the names and cities of customers in Duluth.
SELECT name, city
FROM customers
WHERE city = 'Duluth';
Data Output
Explain
Messages
History
name text
city text
Tiptop
Duluth
ACME
Duluth

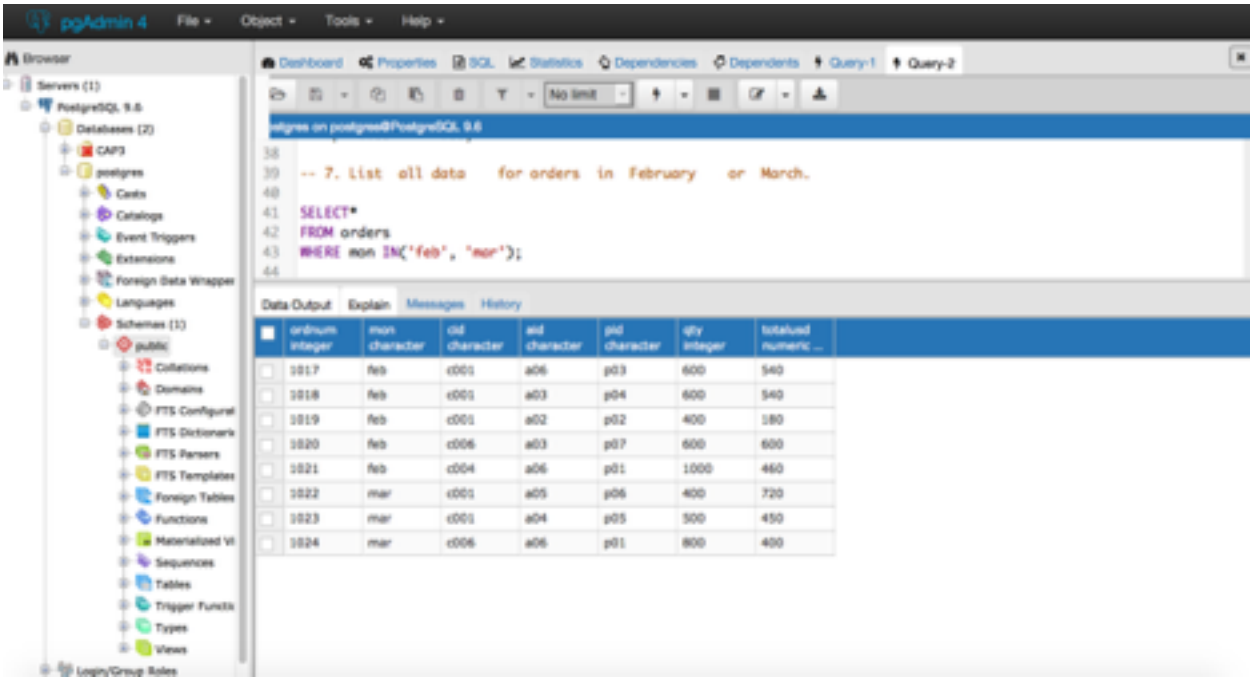
5.


pgAdmin 4
File
Object
Tools
Help
Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Query-1
No limit
23 FROM customers
24 WHERE city = 'Duluth';
25
26 -- 5. List the names of agents not in New York and not in Duluth.
27
28 SELECT name, city
29 FROM agents
30 WHERE city NOT IN('New York', 'Duluth');
Data Output
Explain
Messages
History
name text
city text
Jones Newark
Perry Tokyo
Smith Dallas
Bond London

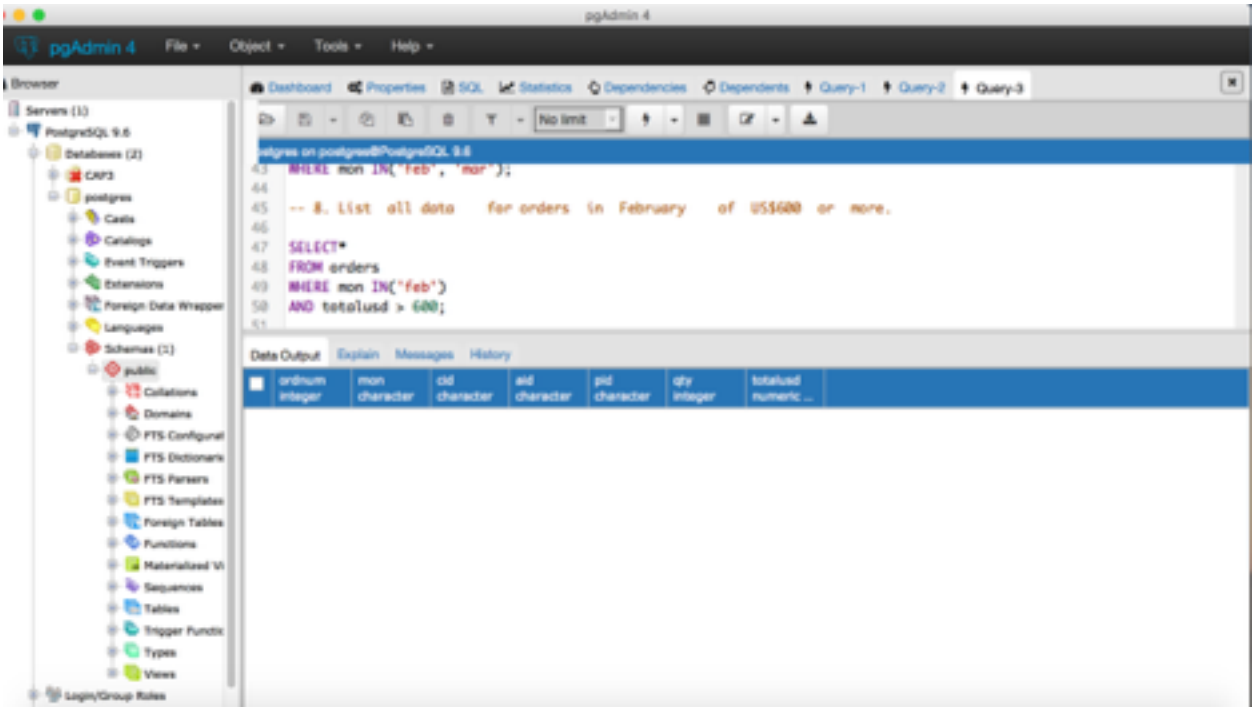
6.


pgAdmin 4
File
Object
Tools
Help
Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Query-1
Query-2
No limit
32 -- 6. List all data for products in neither Dallas nor Duluth that cost US$1 or more.
33
34 SELECT *
35 FROM products
36 WHERE city NOT IN('Dallas', 'Duluth')
37 AND priceUSD >= 1.00;
Data Output
Explain
Messages
History
pid character
name text
city text
quantity integer
pricausd numeric ...
p07 case Newark 100500 1
p08 eraser Newark 200600 1.25

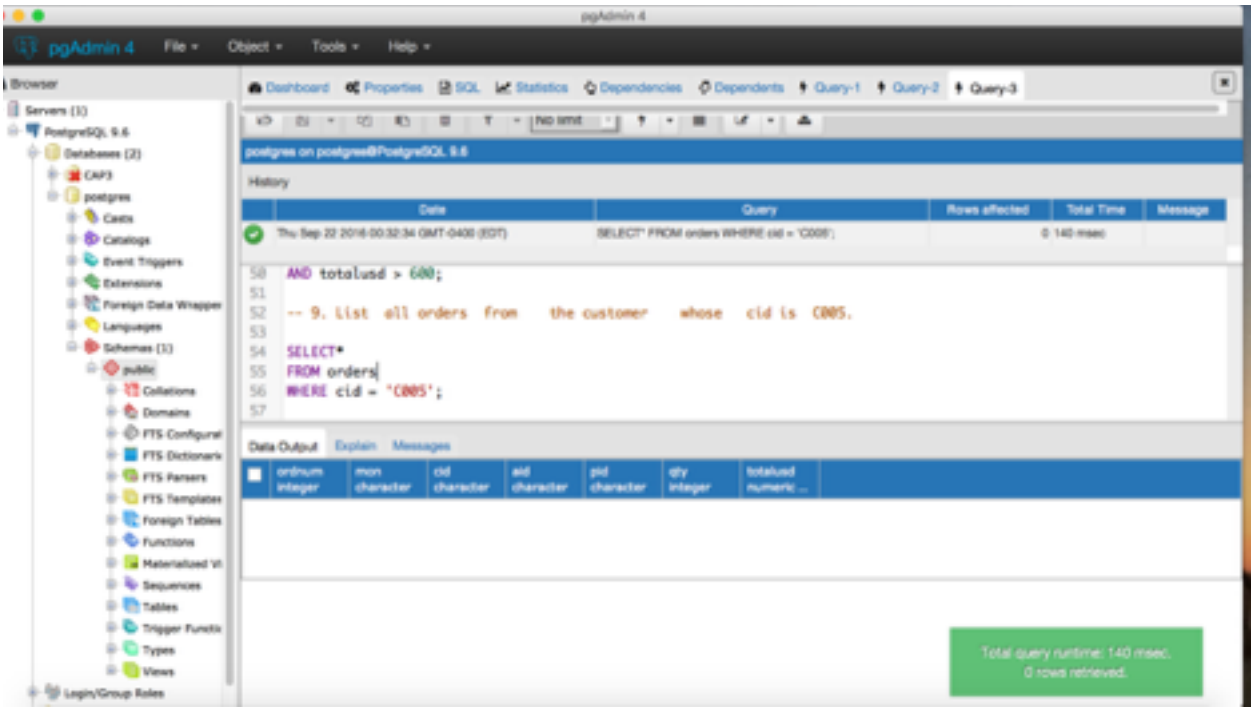
7.


pgAdmin 4
File
Object
Tools
Help
Browser
Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Query-1
Query-2
No limit
-- 7. List all data for orders in February or March.
SELECT*
FROM orders
WHERE mon IN('feb', 'mar');
Data Output
Explain
Messages
History
ordnum integer
mon character
cid character
aid character
pid character
qty integer
totalusd numeric
1017 feb c001 a06 p03 600 540
1018 feb c001 a03 p04 600 540
1019 feb c001 a02 p02 400 180
1020 feb c006 a03 p07 600 600
1021 feb c004 a06 p01 1000 460
1022 mar c001 a05 p06 400 720
1023 mar c001 a04 p05 300 450
1024 mar c006 a06 p01 800 400

8.


pgAdmin 4
File
Object
Tools
Help
Browser
Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Query-1
Query-2
Query-3
No limit
-- 8. List all data for orders in February of US$600 or more.
SELECT*
FROM orders
WHERE mon IN('feb')
AND totalusd > 600;
Data Output
Explain
Messages
History
ordnum integer
mon character
cid character
aid character
pid character
qty integer
totalusd numeric

9.


pgAdmin 4
File
Object
Tools
Help
Browser
Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Query-1
Query-2
Query-3
No limit
postgres on postgres@PostgreSQL 9.6
History
Date
Query
Rows affected
Total Time
Message
Thu Sep 22 2016 00:32:34 GMT-0400 (EDT)
SELECT* FROM orders WHERE cid = 'C005';
0
140 msec
AND totalusd > 600;
-- 9. List all orders from the customer whose cid is C005.
SELECT*
FROM orders
WHERE cid = 'C005';
Data Output
Explain
Messages
ordnum integer
mon character
cid character
aid character
pid character
qty integer
totalusd numeric
Total query runtime: 140 msec.
0 rows retrieved.