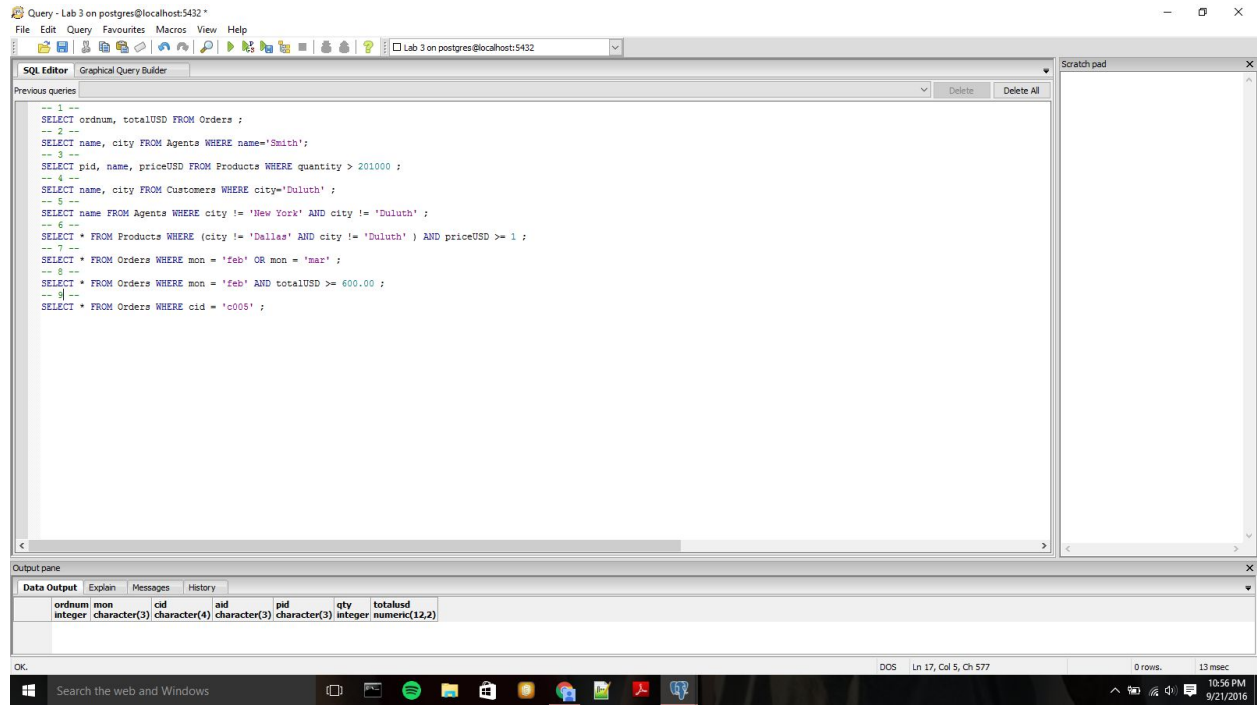


Daniel Grogan

Lab 3

9/21/2016

All Queries Together



The screenshot shows a PostgreSQL SQL Editor window titled "Query - Lab 3 on postgres@localhost:5432". The window contains a list of SQL queries numbered 1 through 9. The output pane at the bottom shows the results of the first query, which is a table with columns: ordnum, mon, cid, aid, pid, qty, and totalusd. The table is currently empty, showing 0 rows.

```
-- 1 --  
SELECT ordnum, totalUSD FROM Orders ;  
-- 2 --  
SELECT name, city FROM Agents WHERE name='Smith';  
-- 3 --  
SELECT pid, name, priceUSD FROM Products WHERE quantity > 201000 ;  
-- 4 --  
SELECT name, city FROM Customers WHERE city='Duluth' ;  
-- 5 --  
SELECT name FROM Agents WHERE city != 'New York' AND city != 'Duluth' ;  
-- 6 --  
SELECT * FROM Products WHERE (city != 'Dallas' AND city != 'Duluth' ) AND priceUSD >= 1 ;  
-- 7 --  
SELECT * FROM Orders WHERE mon = 'feb' OR mon = 'mar' ;  
-- 8 --  
SELECT * FROM Orders WHERE mon = 'feb' AND totalUSD >= 600.00 ;  
-- 9 --  
SELECT * FROM Orders WHERE cid = 'c005' ;
```

ordnum	mon	cid	aid	pid	qty	totalusd
integer	character(3)	character(4)	character(3)	character(3)	integer	numeric(12,2)

Output pane: 0 rows, 13 msec

Individual Queries With Their Respective Outputs

1)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

Previous queries

```
SELECT ordnum, totalUSD FROM Orders ;
```

Scratch pad

Output pane

Data Output Explain Messages History

	ordnum	totalUSD
	integer	numeric(12,2)
1	1011	450.00
2	1013	880.00
3	1015	1104.00
4	1016	500.00
5	1017	540.00
6	1018	540.00
7	1019	180.00
8	1020	600.00
9	1021	460.00
10	1022	720.00
11	1023	450.00
12	1024	400.00
13	1025	720.00
14	1026	744.00

OK. DOS Ln 1, Col 38, Ch 38 14 rows, 12 msec 10:00 PM 9/21/2016

2)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

Previous queries

```
SELECT name, city FROM Agents WHERE name='Smith';
```

Scratch pad

Output pane

Data Output Explain Messages History

	name	city
	text	text
1	Smith	New York
2	Smith	Dallas

OK. DOS Ln 1, Col 1, Ch 1 2 rows, 14 msec 10:30 PM 9/21/2016

3)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

Previous queries

```
SELECT pid, name, priceUSD FROM Products WHERE quantity > 201000 ;
```

Scratch pad

Output pane

	Data Output	Explain	Messages	History																
	<table><thead><tr><th></th><th>pid</th><th>name</th><th>priceusd</th></tr><tr><td></td><td>character(3)</td><td>text</td><td>numeric(10,2)</td></tr></thead><tbody><tr><td>1</td><td>p02</td><td>brush</td><td>0.50</td></tr><tr><td>2</td><td>p05</td><td>pencil</td><td>1.00</td></tr></tbody></table>		pid	name	priceusd		character(3)	text	numeric(10,2)	1	p02	brush	0.50	2	p05	pencil	1.00			
	pid	name	priceusd																	
	character(3)	text	numeric(10,2)																	
1	p02	brush	0.50																	
2	p05	pencil	1.00																	

OK. DOS Ln 1, Col 1, Ch 1 2 rows. 11 msec

Search the web and Windows 10:33 PM 9/21/2016

4)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

Previous queries

```
SELECT name, city FROM Customers Where city='Duluth' ;
```

Scratch pad

Output pane

	Data Output	Explain	Messages	History												
	<table><thead><tr><th></th><th>name</th><th>city</th></tr><tr><td></td><td>text</td><td>text</td></tr></thead><tbody><tr><td>1</td><td>Tiptop</td><td>Duluth</td></tr><tr><td>2</td><td>ACME</td><td>Duluth</td></tr></tbody></table>		name	city		text	text	1	Tiptop	Duluth	2	ACME	Duluth			
	name	city														
	text	text														
1	Tiptop	Duluth														
2	ACME	Duluth														

OK. DOS Ln 1, Col 1, Ch 1 2 rows. 12 msec

Search the web and Windows 10:35 PM 9/21/2016

5)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

Previous queries Delete Delete All

```
SELECT name FROM Agents WHERE city != 'New York' AND city != 'Duluth' ;
```

Scratch pad

Output pane

Data Output Explain Messages History

	name	text
1	Jones	
2	Perry	
3	Smith	
4	Bond	

OK. DOS Ln 1, Col 1, Ch 1 4 rows. 12 msec

Search the web and Windows 10:38 PM 9/21/2016

6)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

Previous queries Delete Delete All

```
SELECT * FROM Products WHERE (city != 'Dallas' AND city != 'Duluth' ) AND priceUSD >= 1 ;
```

Scratch pad

Output pane

Data Output Explain Messages History

	pid	character(3)	name	city	quantity	priceusd
			text	text	integer	numeric(10,2)
1	p07	case	Hevark	100500	1.00	
2	p08	eraser	Hevark	200600	1.25	

OK. DOS Ln 1, Col 1, Ch 1 2 rows. 11 msec

Search the web and Windows 10:46 PM 9/21/2016

7)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

Previous queries

```
SELECT * FROM Orders WHERE mon = 'Feb' OR mon = 'mar' ;
```

Scratch pad

Output pane

Data Output Explain Messages History

	ordnum integer	mon character(3)	cid character(4)	aid character(3)	pid character(3)	qty integer	totalusd numeric(12,2)
1	1017	feb	c001	a06	p03	600	540.00
2	1018	feb	c001	a03	p04	600	540.00
3	1019	feb	c001	a02	p02	400	180.00
4	1020	feb	c006	a03	p07	600	600.00
5	1021	feb	c004	a06	p01	1000	460.00
6	1022	mar	c001	a05	p06	400	720.00
7	1023	mar	c001	a04	p05	500	450.00
8	1024	mar	c006	a06	p01	800	400.00

OK. DOS Ln 1, Col 1, Ch 1 8 rows. 13 msec

Search the web and Windows 10:49 PM 9/21/2016

8)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

Previous queries

```
SELECT * FROM Orders WHERE mon = 'Feb' AND totalUSD >= 600.00 ;
```

Scratch pad

Output pane

Data Output Explain Messages History

	ordnum integer	mon character(3)	cid character(4)	aid character(3)	pid character(3)	qty integer	totalusd numeric(12,2)
1	1020	feb	c006	a03	p07	600	600.00

OK. DOS Ln 1, Col 1, Ch 1 1 row. 11 msec

Search the web and Windows 10:51 PM 9/21/2016

9)

Query - Lab 3 on postgres@localhost:5432 *

File Edit Query Favourites Macros View Help

Lab 3 on postgres@localhost:5432

SQL Editor Graphical Query Builder

Previous queries Delete Delete All

```
SELECT * FROM Orders WHERE cid = 'c005' ;
```

Scratch pad

Output pane

Data Output Explain Messages History

ordnum	mon	cid	aid	pid	qty	totalusd
integer	character(3)	character(4)	character(3)	character(3)	integer	numeric(12,2)

OK. DOS Ln 1, Col 1, Ch 1 0 rows. 13 msec

Search the web and Windows 10:55 PM 9/21/2016