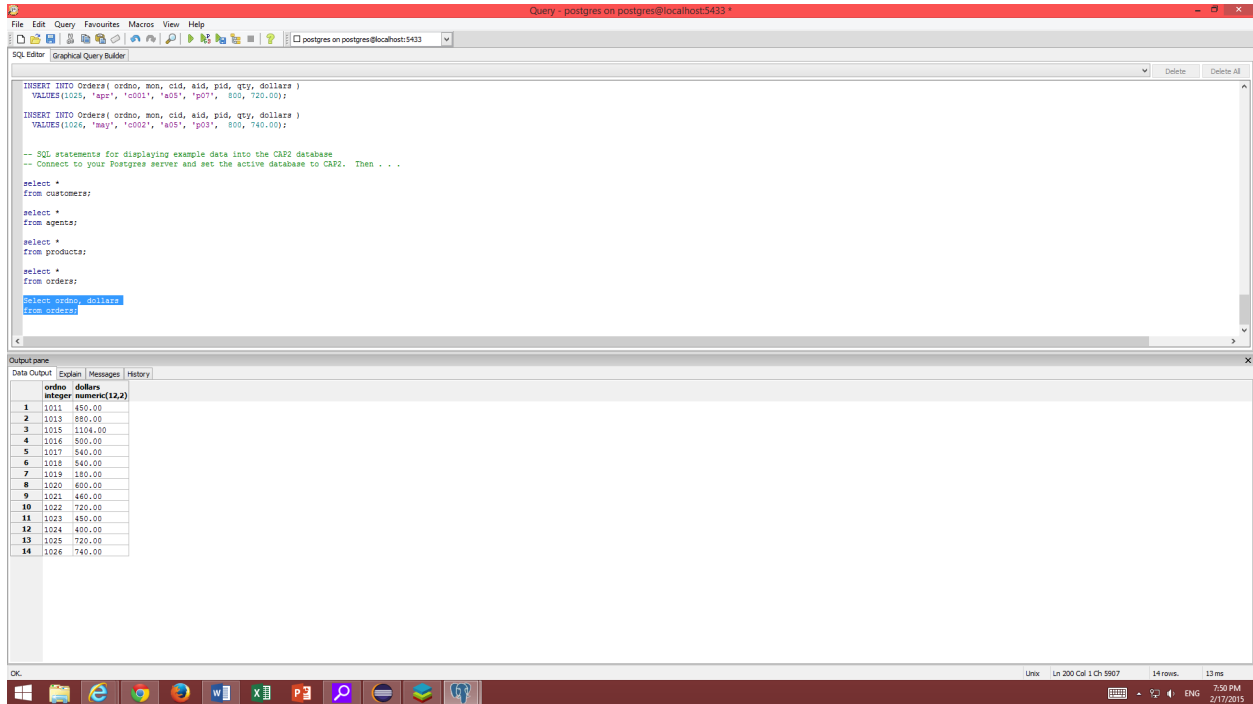


Scott DiBisceglia

## CMPT 308 – Lab 3

### 1. List the Ordno and Dollars for all orders



The screenshot shows the PostgreSQL Query Editor interface. The SQL Editor contains the following code:

```
INSERT INTO Orders( ordno, mon, cid, aid, pid, qty, dollars )
VALUES(1025, 'apr', 'c001', 'a05', 'p07', 800, 720.00);

INSERT INTO Orders( ordno, mon, cid, aid, pid, qty, dollars )
VALUES(1026, 'may', 'c002', 'a05', 'p03', 800, 740.00);

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

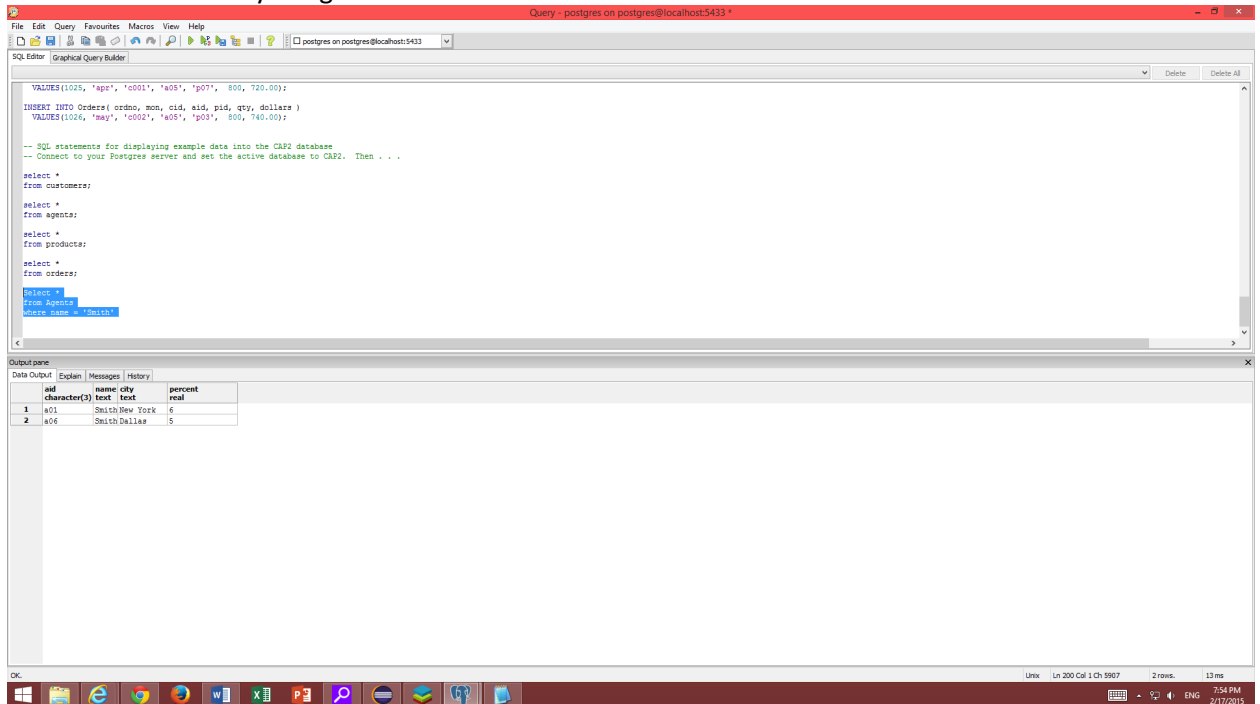
select *
from orders;

Select ordno, dollars
from orders;
```

The Output pane shows the results of the query:

ordno	dollars
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 740.00

### 2. List the name and city of agents named Smith



The screenshot shows the PostgreSQL Query Editor interface. The SQL Editor contains the following code:

```
VALUES(1025, 'apr', 'c001', 'a05', 'p07', 800, 720.00);

INSERT INTO Orders( ordno, mon, cid, aid, pid, qty, dollars )
VALUES(1026, 'may', 'c002', 'a05', 'p03', 800, 740.00);

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

select *
from orders;

Select *
from Agents
where Name ~ 'Smith';
```

The Output pane shows the results of the query:

aid	name	city	percent
character(3)	text	text	real
1	a01	Smith New York	6
2	a04	Smith Dallas	5

### 3. List the pid, Name, and PriceUSD of products with quantity more than 200,000

Query - postgres on postgres@localhost:5433

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

```

VALUES (1025, 'ape', 'c001', 'a05', 'p07', 800, '720.00');
INSERT INTO Orders (ordno, mon, cid, aid, pid, qty, dollars)
VALUES (1026, 'may', 'c002', 'a05', 'p03', 800, '740.00');

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

select *
from orders;

select *
from Products
where quantity > 2000000;

```

Output pane

pid	name	city	quantity	pricedoll
character(3)	text	text	integer	numeric(10,2)
1	c02	Beulah Newark	207605	0.50
2	c05	Dennis Dallas	222405	1.00
3	c08	Clie Newark	200405	1.25

OK

Unix Ln 200 Col 1 Ch 5907 3 rows 12 ms

7:58 PM 2/17/2015

#### 4. List the names and cities of customers in dallas

Query - postgres on postgres@localhost:5433

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

```

VALUES (1025, 'ape', 'c001', 'a05', 'p07', 800, '720.00');
INSERT INTO Orders (ordno, mon, cid, aid, pid, qty, dollars)
VALUES (1026, 'may', 'c002', 'a05', 'p03', 800, '740.00');

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

select *
from orders;

select *
from Customers
where city = 'Dallas';

```

Output pane

cid	name	city	discount
character(4)	text	text	numeric(5,2)
1	c002	Beulah Dallas	12.00
2	c003	Allied Dallas	8.00

OK

Unix Ln 200 Col 1 Ch 5907 2 rows 14 ms

8:00 PM 2/17/2015

#### 5. List the names of agents not in New York and not in Tokyo

Query - postgres on postgres@localhost:5433

File Edit Query Favorites Macros View Help

SQL Editor

```

INSERT INTO Orders( ordno, mon, cid, aid, pid, qty, dollars )
VALUES(1026, 'may', 'c002', 'a05', 'p03', 600, 740.00);

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

select *
from orders;

Select *
from Agents
where city != 'New York'
AND city != 'Tokyo';

```

Output pane

id	name	city	percent
1	a02	Jones	Newark
2	a05	Orrison	Duluth
3	a06	Smith	Dallas
4	a09	Bond	London

OK

Unix Ln 200 Col 1 Ch 5907 4 rows 13 ms

8:06 PM 2/17/2015

6. List all data for products not in Dallas or Duluth that cost more than \$1USD

Query - postgres on postgres@localhost:5433

File Edit Query Favorites Macros View Help

SQL Editor

```

INSERT INTO Orders( ordno, mon, cid, aid, pid, qty, dollars )
VALUES(1026, 'may', 'c002', 'a05', 'p03', 600, 740.00);

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

select *
from orders;

Select *
from Products
WHERE city != 'Dallas'
AND city != 'Duluth'
AND pricecost > 1;

```

Output pane

pid	name	city	quantity	pricecost
1	a09	c10	Newark	200600 1.25

OK

Unix Ln 200 Col 1 Ch 5907 1 row 13 ms

8:07 PM 2/17/2015

7. List all data for orders in January or May

Query - postgres on postgres@localhost:5433 \*

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

```
VALUES(1026, 'may', 'c002', 'a05', 'p03', 800, '740.00');

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

select *
from orders;

select *
from orders;
where mon = 'Jan'
or mon = 'May';
```

Output pane

Data Output Explain Messages History

ordno	mon	cid	aid	pid	qty	dollars
integer	character(3)	character(4)	character(3)	character(3)	integer	numeric(12,2)
1	1011	Jan	c001	a01	p01	1000 450.00
2	1013	Jan	c002	a03	p03	1000 850.00
3	1015	Jan	c003	a03	p05	1200 1104.00
4	1016	Jan	c006	a01	p01	1000 500.00
5	1026	May	c002	a05	p03	800 740.00

OK

Unix Ln 200 Col 1 Ch 5907 5 rows 13 ms

## 8. List all data for orders in Febuary more than \$500USD

Query - postgres on postgres@localhost:5433 \*

File Edit Query Favourites Macros View Help

SQL Editor Graphical Query Builder

```
VALUES(1026, 'may', 'c002', 'a05', 'p03', 800, '740.00');

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

select *
from orders;

select *
from orders;
where mon = 'Feb'
and dollars > 500;
```

Output pane

Data Output Explain Messages History

ordno	mon	cid	aid	pid	qty	dollars
integer	character(3)	character(4)	character(3)	character(3)	integer	numeric(12,2)
1	1017	Feb	c001	a06	p03	600 540.00
2	1018	Feb	c001	a03	p04	600 540.00
3	1020	Feb	c006	a03	p07	600 600.00

OK

Unix Ln 199 Col 1 Ch 5906 3 rows 13 ms

## 9. List all orders from the customer whos cid is c005

Query - postgres on postgres@localhost:5433

File Edit Query Favorites Macros View Help

SQL Editor Graphical Query Builder

```
VALUES(1028, 'may', 'c002', 'a05', 'p03', 800, 740.00);

-- SQL statements for displaying example data into the CAP2 database
-- Connect to your Postgres server and set the active database to CAP2. Then . . .

select *
from customers;

select *
from agents;

select *
from products;

select *
from orders;

insert *
from orders
where cid = 'C005';
```

Output pane

Data Output Explain Messages History

ordno	mon	cid	aid	pid	qty	dollars
integer	character(3)	character(4)	character(3)	character(3)	integer	numeric(12,2)

OK

Unix Ln 200 Col 1 Ch 5907 0 rows 13 ms

8:13 PM 2/17/2015

There are no orders from the person who is CID005