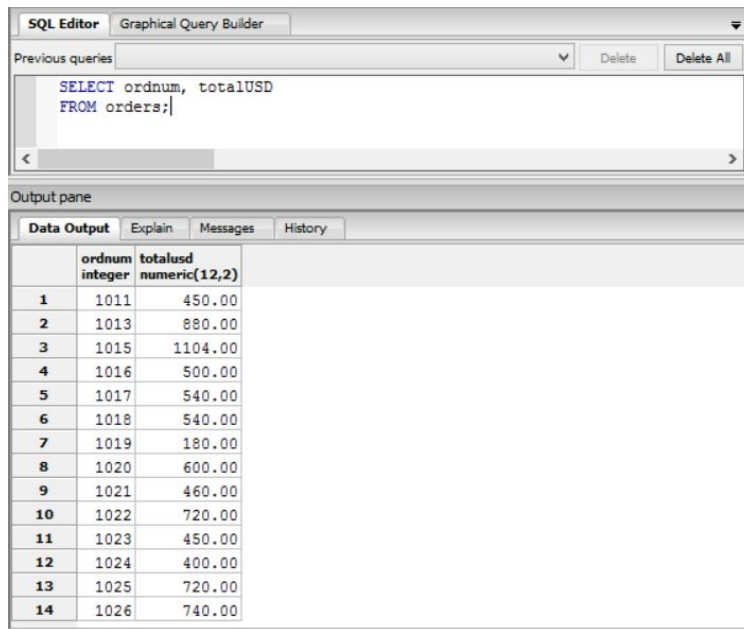


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Database Management
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Lab 3 (Getting Started with SQL queries)

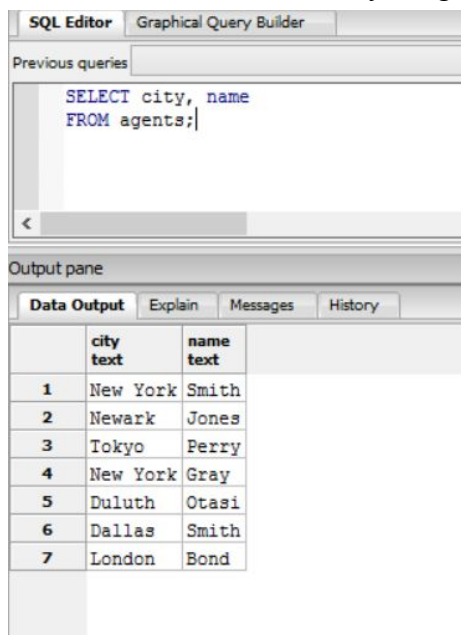
1. List the ordno and dollars of all orders



The screenshot shows a SQL Editor window with a query and its output. The query is: `SELECT ordnum, totalUSD FROM orders;`. The output pane shows a table with 14 rows of data.

	ordnum integer	totalusd 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	740.00

2. List the name and city of agents named Smith



The screenshot shows a SQL Editor window with a query and its output. The query is: `SELECT city, name FROM agents;`. The output pane shows a table with 7 rows of data.

	city text	name text
1	New York	Smith
2	Newark	Jones
3	Tokyo	Perry
4	New York	Gray
5	Duluth	Otasi
6	Dallas	Smith
7	London	Bond

3. List the pid, name, and price USD of products with quantity more than 208,000

```
SELECT pid, name, priceUSD
FROM products
WHERE quantity > 208000;
```

Output pane

	pid character(3)	name text	priceusd numeric(10,2)
1	p05	pencil	1.00

4. List the names and cities of customers in Dallas

```
SELECT name, city
FROM customers
WHERE city = 'Dallas';
```

Output pane

	name text	city text
1	Tyrell	Dallas
2	Allied	Dallas

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

```
SELECT name
FROM agents
WHERE city != 'New York' AND city != 'Tokyo';
```

Output pane

	name text
1	Jones
2	Otasi
3	Smith
4	Bond

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

Previous queries

```
SELECT *
FROM products
WHERE city NOT IN ('Dallas', 'Duluth')
AND priceUSD >= 1;
```

Output pane

Data Output Explain Messages History

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

7. List all data for orders in January or March

```
SELECT *
FROM orders
WHERE mon IN ('jan', 'mar');
```

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	1011	jan	c001	a01	p01	1000	450.00
2	1013	jan	c002	a03	p03	1000	880.00
3	1015	jan	c003	a03	p05	1200	1104.00
4	1016	jan	c006	a01	p01	1000	500.00
5	1022	mar	c001	a05	p06	400	720.00
6	1023	mar	c001	a04	p05	500	450.00
7	1024	mar	c006	a06	p01	800	400.00

8. List all data for orders in February less than us\$500

```
SELECT *
FROM orders
WHERE mon IN ('feb')
AND totalUSD < 500;
```

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	1019	feb	c001	a02	p02	400	180.00
2	1021	feb	c004	a06	p01	1000	460.00

9. List all orders from the customer whose cid is C005

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

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Output pane

	cid character(4)	name text	city text	discount numeric(5,2)
1	c005	Weyland	Acheron	0.00