

-- Michael Gutierrez
-- Lab 3

-- 1. List the order number and total dollars of all orders.

```
select ordNumber, totalusd
from orders;
```

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

```
select name, city
from agents
where name = 'Smith';
```

-- 3. List the id, name, and price of products with quantity more than 200,100.

```
Select pid, name, priceusd
from products
where quantity > 200100;
```

-- 4. List the names and cities of customers in Duluth.

```
select name, city
from customers
where city = 'Duluth';
```

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

```
select name
from agents
where aid not in (
    select aid
    from agents
    where city in ('New York', 'Duluth')
);
```

-- 6. List all data for products in neither Dallas nor Duluth that cost US\$1 or more.

```
select *
from products
where priceusd >= 1
    Intersect
select *
from products
where city not in ('Dallas','Duluth');
```

-- 7. List all data for orders in February or May.

```
select *
from orders
where month in ('Feb','May');
```

-- 8. List all data for orders in February of US\$600 or more.

```
select *
from orders
where month = 'Feb'
    Intersect
select *
from orders
where totalusd >= 600;
```

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

```
select ordnumber
from orders
where cid = 'c005';
```

Results

1.

	ordnumber integer	totalusd numeric(12,2)
1	1011	450.00
2	1012	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

2.

	name text	city text
1	Smith	New York
2	Smith	Dallas

3.

	pid character(3)	name text	priceusd numeric(10,2)
1	p02	brush	0.50
2	p05	pencil	1.00

4.

	name text	city text
1	Tiptop	Duluth
2	ACME	Duluth

5.

	name text
1	Jones
2	Perry
3	Smith
4	Bond

6.

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

7.

	ordnumber integer	month 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	1026	May	c002	a05	p03	800	744.00

8.

	ordnumber integer	month 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

9.

	ordnumber integer