

```
--Number 1
select city
from agents
where aid in (select aid
              from Orders
              where cid = 'c006'
             )
order by "city" ASC;

--Number 2
select distinct pid
from orders
```

Output pane

Data Output Explain Messages Hist

	city text
1	Dallas
2	New York
3	Tokyo

```
--Number 2
select distinct pid
from orders
where cid in (select cid
              from customers
              where city = 'Kyoto'
             )
order by pid ASC;

--Number 3
select cid, name)
```

Output pane

Data Output Explain Messages History

	pid character(3)
1	p01
2	p07

```
--Number 3
select (cid, name)
from customers
where cid NOT in (select cid
                  from orders
                  where aid = 'a01'
                 )
order by cid DESC;

--Number 4
select distinct cid
```

Output pane

Data Output Explain Messages History

	row record
1	(c005,Weyland)
2	(c004,ACME)
3	(c003,Allied)
4	(c002,Tyrell)

```
--Number 4
select distinct cid
from orders
where pid = 'p01'
and cid in (select distinct cid
            from orders
            where pid = 'p07'
           )
order by cid ASC;

--Number 5
select distinct cid
```

Output pane

Data Output Explain Messages History

	cid character(4)
1	c001
2	c006

```
--Number 5
select pid
from products
where pid NOT in (select pid
                  from orders
                  where aid = 'a08'
                 )
order by pid DESC;

--Number 6
select (name, discount, city)
from customers
```

Output pane

Data Output Explain Messages History

	pid character(3)
1	p08
2	p07
3	p06
4	p05
5	p04
6	p03
7	p02
8	p01

```
--Number 6
select (name, discount, city)
from customers
where cid in (select cid
              from orders
              where aid in (select aid
                            from agents
                            where city in
                              ('Tokyo','New York')
                           ) --sub2
             ) -- sub1
order by city ASC;
```

Output pane

Data Output Explain Messages History

	row record
1	(Tyrell,12.00,Dallas)
2	(Allied,8.00,Dallas)
3	(Tiptop,10.00,Duluth)
4	(ACME,0.00,Kyoto)

```
--Number 7
select name
from customers
where discount in (select discount
                  from customers
                  where city in ('Duluth','London'))
order by name ASC;

--Number 8
--Check constraints are used to limit the value range that
--On a single column, check constraints allows only certain
```

Output pane

Data Output

Explain

Messages

History

	name text
1	ACME
2	Tiptop