```
1 select agents.city
 2 from agents,
 3
        customers,
 4
        orders
 5 where orders.cid = customers.cid
    and orders.aid = agents.aid
 6
 7
     and customers.cid = 'c006';
    ____
 8
 9 select agents.city
10 from agents inner join orders on orders.aid = agents.aid
      inner join customers on orders.cid = customers.cid
12 where customers.cid = 'c006';
Data Output Explain Messages History
city text
■ New York
☐ Tokyo
Dallas
```

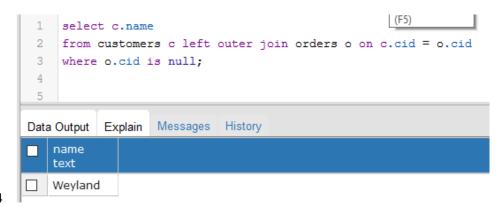
# Number 1

1	select d	select distinct ol.pid						
2	from ord	from orders ol inner join orders ol on ol.aid = ol.aid						
3		inner join customers c on o2.cid = c.cid						
4	where c.	where c.city = 'Kyoto'						
5	order by	order by ol.pid desc;						
6								
Data Output Explain Messages History								
	pid character							
	pid							
	pid character							
	pid character p07							
	pid character p07 p05							

Number 2

```
select customers.name
    from customers
    where customers.cid not in
 4
        (select orders.cid
         from orders
 6
         );
8
    select customers.name
9
    from customers left outer join orders on customers.cid = orders.cid
10
    where customers.cid not in
11
        (select orders.cid
12
         from orders
13
         );
Data Output Explain Messages History
   name
   text
  Weyland
```

## Number 3



## Number 4

```
select distinct c.name as "customer",
 4
                    a.name as "agent"
 5
    from orders o inner join customers c on o.cid = c.cid
 6
                   inner join agents a on o.aid = a.aid
 7
    where c.city = a.city
 8
    order by c.name;
 9
Data Output Explain Messages History
   customer
              agent
   text
              text
  Tiptop
             Otasi
```

### Number 5

```
select distinct c.name as "customer",
 4
                     c.city as "customer city",
 5
                      a.name as "agent",
 6
                      a.city as "agent city"
 7
     from orders ol inner join orders o2 on ol.cid = o2.cid
 8
                     inner join customers c on ol.cid = c.cid
 9
                     inner join agents a on ol.aid = ol.aid
10
     where c.city = a.city
11
     order by c.name;
Data Output Explain Messages History
    customer
               customer city
                             agent
                                        agent city
    text
               text
                             text
                                        text
□ ACME
              Duluth
                             Otasi
                                        Duluth
   Allied
              Dallas
                             Smith
                                        Dallas
Duluth
                                        Duluth
   Tiptop
                             Otasi
   Tyrell
              Dallas
                             Smith
                                        Dallas
```

### Number 6

```
-- Lab 5 - Number 7 - Kathy Coomes - 02/16/17
 1
 2
     -- per Tien no specific method was specified
 3
 4
     select distinct c.name,
 5
                      c.city
 6
     from customers c
 7
     where c.city =
 8
         (select p.city
 9
         from products p
10
          group by p.city
          order by count (p.city)
11
12
          limit 1
13
14
     order by c.name asc;
15
16
17
18
                  Messages History
Data Output
           Explain
   name
              city
   text
              text
   ACME
              Duluth
   Tiptop
              Duluth
```