

--no 1

```
select companyname, orderdate from customers c
left join orders o
on c.customerid = o.customerid
where not exists (select customerid from orders o2
where customerid = c.customerid and
orderdate between '1997-04-01' and '1997-04-30');
```

--no 2

```
select distinct companyname from suppliers s
join products p
on s.supplierid = p.supplierid
join order_details od
on p.productid = od.productid
where od.quantity = 1;
```

--no 3

```
select distinct c.companyname, sum(quantity) as total from customers c
join orders o
on c.customerid = o.customerid
join order_details od
on o.orderid = od.orderid
group by c.customerid, c.companyname
having sum(quantity) > (select avg (quantity) as ratarata from order_details od2)
order by total asc;
```

--no 4

```
select distinct s.companyname as supplier, c.companyname as customer, s.city from
suppliers s
join customers c
```

```
on s.city = c.city;

--no 5

with same_city as(

select distinct s.city, s.companyname from suppliers s

join products p

on s.supplierid = p.supplierid

join order_details od

on p.productid = od.productid

join orders o

on od.orderid = o.orderid

join customers c

on o.customerid = c.customerid

where s.city = c.city

)

select city, companyname from same_city;
```