

TOPICS: COUNT(*), GROUP BY


First it only looks for custid = 71, then it groups empid and YEAR(orderdate)
HAVING COUNT(*)>1 shows only the output based on the GROUP BY that have more than 1 row

USE TSQLV4;

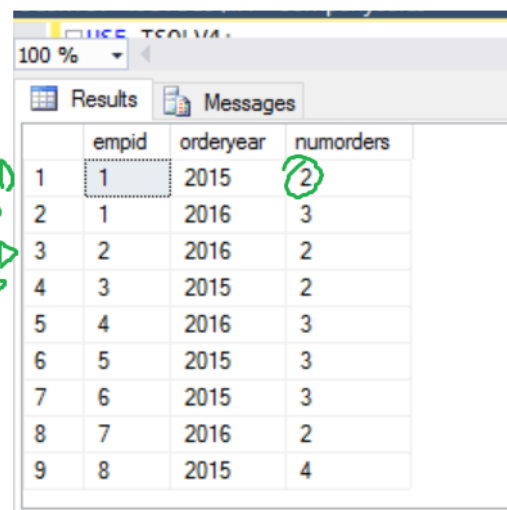
```
SELECT empid, YEAR(orderdate) AS orderyear, COUNT(*) AS numorders
FROM Sales.Orders
WHERE custid = 71
GROUP BY empid, YEAR(orderdate)
HAVING COUNT(*) > 1
ORDER BY empid, orderyear;
```

USE TSQLV4

```
SELECT empid, YEAR(orderdate) AS orderyear
FROM Sales.Orders
WHERE custid = 71
ORDER BY empid
```



	empid	orderyear
1	1	2014
2	1	2015
3	1	2015
4	1	2016
5	1	2016
6	1	2016
7	2	2016
8	2	2016
9	2	2015
10	2	2014
11	3	2015
12	3	2015
13	4	2016
14	4	2016
15	4	2016
16	4	2015
17	5	2015
18	5	2015
19	5	2015
20	6	2015



	empid	orderyear	numorders
1	1	2015	2
2	1	2016	3
3	2	2016	2
4	3	2015	2
5	4	2016	3
6	5	2015	3
7	6	2015	3
8	7	2016	2
9	8	2015	4

In GROUP BY order does not matter