1.

mysql> select min(count\_id),max(count\_id) from (select course\_id,sec\_id,semester,year,count(ID) as count\_id from takes natural join section group by course\_id,sec\_id,semester,year) as l1;

+---------------+---------------+

| min(count\_id) | max(count\_id) |

+---------------+---------------+

| 1 | 6 |

+---------------+---------------+

1 row in set (0.00 sec)

2.

mysql> select course\_id,sec\_id,semester,year,count\_id from (select course\_id,sec\_id,semester,year,count(ID) as count\_id from takes natural join section group by course\_id,sec\_id,semester,year) as l1 where count\_id = (select max(count\_id) from (select course\_id,sec\_id,semester,year,count(ID) as count\_id from takes natural join section group by course\_id,sec\_id,semester,year) as l2);

+-----------+--------+----------+------+----------+

| course\_id | sec\_id | semester | year | count\_id |

+-----------+--------+----------+------+----------+

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1 row in set (0.00 sec)