Enter password: \*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 2

Server version: 5.5.16 MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use retail;

Database changed

mysql> show tables;

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

| Tables\_in\_retail |

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

| customer |

| orders |

| salespeople |

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

3 rows in set (0.03 sec)

mysql> select\*from customer;

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

| cnum | cname | city | rating | snum |

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

| 2001 | hoffman | London | 100 | 1001 |

| 2002 | Giovanni | Rome | 200 | 1003 |

| 2003 | Liu | San Jose | 200 | 1002 |

| 2004 | Grass | Berlin | 300 | 1002 |

| 2006 | Clemens | London | 100 | 1001 |

| 2007 | Pereira | Rome | 100 | 1004 |

| 2008 | Cisnerous | San Jose | 300 | 1007 |

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

7 rows in set (0.00 sec)

mysql> select\*from orders;

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

| onum | amt | odate | cnum |

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

| 3001 | 18.69 | 1996-03-10 | 2008 |

| 3002 | 1900.10 | 1996-03-10 | 2007 |

| 3003 | 767.19 | 1996-03-10 | 2001 |

| 3005 | 5160.45 | 1996-03-10 | 2003 |

| 3006 | 1098.16 | 1996-03-10 | 2008 |

| 3007 | 75.75 | 1996-04-10 | 2002 |

| 3008 | 4723.00 | 1996-05-10 | 2006 |

| 3009 | 1713.23 | 1996-04-10 | 2002 |

| 3010 | 1309.95 | 1996-06-10 | 2004 |

| 3011 | 9891.88 | 1996-06-10 | 2006 |

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

10 rows in set (0.00 sec)

mysql> select\*from salespeople;

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

| snum | sname | city | comm |

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

| 1001 | Peel | London | 0.12 |

| 1002 | Serres | San Jose | 0.13 |

| 1003 | AxelRod | New York | 0.10 |

| 1004 | Motika | London | 0.11 |

| 1005 | Fran | London | 0.26 |

| 1007 | Rifkin | Barcelona | 0.15 |

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

6 rows in set (0.01 sec)

mysql> select\*from customer;

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

| cnum | cname | city | rating | snum |

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

| 2001 | hoffman | London | 100 | 1001 |

| 2002 | Giovanni | Rome | 200 | 1003 |

| 2003 | Liu | San Jose | 200 | 1002 |

| 2004 | Grass | Berlin | 300 | 1002 |

| 2006 | Clemens | London | 100 | 1001 |

| 2007 | Pereira | Rome | 100 | 1004 |

| 2008 | Cisnerous | San Jose | 300 | 1007 |

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

7 rows in set (0.00 sec)

mysql> select\*from customer where rating=300;

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

| cnum | cname | city | rating | snum |

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

| 2004 | Grass | Berlin | 300 | 1002 |

| 2008 | Cisnerous | San Jose | 300 | 1007 |

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

2 rows in set (0.00 sec)

mysql> select\*from salespeople;

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

| snum | sname | city | comm |

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

| 1001 | Peel | London | 0.12 |

| 1002 | Serres | San Jose | 0.13 |

| 1003 | AxelRod | New York | 0.10 |

| 1004 | Motika | London | 0.11 |

| 1005 | Fran | London | 0.26 |

| 1007 | Rifkin | Barcelona | 0.15 |

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

6 rows in set (0.00 sec)

mysql> select\*from salespeople where(select\*from customer where rating=300);

ERROR 1241 (21000): Operand should contain 1 column(s)

mysql> select\*from salespeople where in(select\*from customer where rating=300);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'in(select\*from customer where rating=300)' at line 1

mysql> select\*from salespeople in(select\*from customer where rating=300);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'in(select\*from customer where rating=300)' at line 1

mysql> select\*from salespeople;

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

| snum | sname | city | comm |

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

| 1001 | Peel | London | 0.12 |

| 1002 | Serres | San Jose | 0.13 |

| 1003 | AxelRod | New York | 0.10 |

| 1004 | Motika | London | 0.11 |

| 1005 | Fran | London | 0.26 |

| 1007 | Rifkin | Barcelona | 0.15 |

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

6 rows in set (0.00 sec)

mysql> select\*from salespeople s join customer c on s.snum=c.snum where c.rating=300;

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

| snum | sname | city | comm | cnum | cname | city | rating | snum |

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

| 1002 | Serres | San Jose | 0.13 | 2004 | Grass | Berlin | 300 | 1002 |

| 1007 | Rifkin | Barcelona | 0.15 | 2008 | Cisnerous | San Jose | 300 | 1007 |

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

2 rows in set (0.01 sec)

mysql> select s.snum, s.sname,s.city,s.comm salespeople s join customer c on s.snum=c.snum where c.rating=300;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 's join customer c on s.snum=c.snum where c.rating=300' at line 1

mysql> select s.snum, s.sname,s.city,s.comm from salespeople s join customer c on s.snum=c.snum where c.rating=300;

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

| snum | sname | city | comm |

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

| 1002 | Serres | San Jose | 0.13 |

| 1007 | Rifkin | Barcelona | 0.15 |

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

2 rows in set (0.00 sec)

mysql> select s.snum, s.sname,s.city,s.comm from salespeople s join customer c on s.snum=c.snum and c.rating=300;

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

| snum | sname | city | comm |

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

| 1002 | Serres | San Jose | 0.13 |

| 1007 | Rifkin | Barcelona | 0.15 |

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

2 rows in set (0.00 sec)

mysql> select s.snum, s.sname,s.city,s.comm from salespeople s Exists customer c on s.snum=c.snum and c.rating=300;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'Exists customer c on s.snum=c.snum and c.rating=300' at line 1

mysql> select s.snum, s.sname,s.city,s.comm from salespeople s Exists (select c.snum from customer c on s.snum=c.snum and c.rating=300);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'Exists (select c.snum from customer c on s.snum=c.snum and c.rating=300)' at line 1

mysql> select s.snum, s.sname,s.city,s.comm from salespeople s exists (select c.snum from customer c on s.snum=c.snum and c.rating=300);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'exists (select c.snum from customer c on s.snum=c.snum and c.rating=300)' at line 1

mysql> select s.snum, s.sname,s.city,s.comm from salespeople s exist (select c.snum from customer c on s.snum=c.snum and c.rating=300);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'exist (select c.snum from customer c on s.snum=c.snum and c.rating=300)' at line 1

mysql> select s.snum, s.sname,s.city,s.comm from salespeople s where exists (select c.snum from customer c on s.snum=c.snum and c.rating=300);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'on s.snum=c.snum and c.rating=300)' at line 1

mysql> select s.sname,s.snum from salespeople where exists (select rating from customer where rating=300);

ERROR 1054 (42S22): Unknown column 's.sname' in 'field list'

mysql> select s.sname,s.snum from salespeople s where exists (select rating from customer where rating=300);

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

| sname | snum |

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

| Peel | 1001 |

| Serres | 1002 |

| AxelRod | 1003 |

| Motika | 1004 |

| Fran | 1005 |

| Rifkin | 1007 |

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

6 rows in set (0.00 sec)

mysql> select\*from salespeople;

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

| snum | sname | city | comm |

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

| 1001 | Peel | London | 0.12 |

| 1002 | Serres | San Jose | 0.13 |

| 1003 | AxelRod | New York | 0.10 |

| 1004 | Motika | London | 0.11 |

| 1005 | Fran | London | 0.26 |

| 1007 | Rifkin | Barcelona | 0.15 |

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

6 rows in set (0.00 sec)

mysql> select\*from customer;

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

| cnum | cname | city | rating | snum |

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

| 2001 | hoffman | London | 100 | 1001 |

| 2002 | Giovanni | Rome | 200 | 1003 |

| 2003 | Liu | San Jose | 200 | 1002 |

| 2004 | Grass | Berlin | 300 | 1002 |

| 2006 | Clemens | London | 100 | 1001 |

| 2007 | Pereira | Rome | 100 | 1004 |

| 2008 | Cisnerous | San Jose | 300 | 1007 |

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

7 rows in set (0.00 sec)

mysql> select s.sname,s.snum from salespeople s where exists (select rating from customer where rating=100);

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

| sname | snum |

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

| Peel | 1001 |

| Serres | 1002 |

| AxelRod | 1003 |

| Motika | 1004 |

| Fran | 1005 |

| Rifkin | 1007 |

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

6 rows in set (0.00 sec)

mysql> select s.sname,s.snum from salespeople s where exists (select snum from customer where rating=100);

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

| sname | snum |

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

| Peel | 1001 |

| Serres | 1002 |

| AxelRod | 1003 |

| Motika | 1004 |

| Fran | 1005 |

| Rifkin | 1007 |

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

6 rows in set (0.00 sec)

mysql> select s.sname,s.snum from salespeople s where exists (select snum from customer where rating==0);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '==0)' at line 1

mysql> select s.sname,s.snum from salespeople s where exists (select snum from customer where rating==100);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '==100)' at line 1

mysql> select\*from customer;

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

| cnum | cname | city | rating | snum |

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

| 2001 | hoffman | London | 100 | 1001 |

| 2002 | Giovanni | Rome | 200 | 1003 |

| 2003 | Liu | San Jose | 200 | 1002 |

| 2004 | Grass | Berlin | 300 | 1002 |

| 2006 | Clemens | London | 100 | 1001 |

| 2007 | Pereira | Rome | 100 | 1004 |

| 2008 | Cisnerous | San Jose | 300 | 1007 |

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

7 rows in set (0.00 sec)

mysql> select\*from salespeople;

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

| snum | sname | city | comm |

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

| 1001 | Peel | London | 0.12 |

| 1002 | Serres | San Jose | 0.13 |

| 1003 | AxelRod | New York | 0.10 |

| 1004 | Motika | London | 0.11 |

| 1005 | Fran | London | 0.26 |

| 1007 | Rifkin | Barcelona | 0.15 |

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

6 rows in set (0.00 sec)

mysql> select s.sname,s.snum from salespeople s where exists (select rating from customer c where s.snum=c.snum and c.rating=300);

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

| sname | snum |

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

| Serres | 1002 |

| Rifkin | 1007 |

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

2 rows in set (0.00 sec)

mysql>