Chit 4

mysql> create table dept

-> (

-> deptno int,

-> dname varchar(20),

-> loc varchar(20),

-> mgrcode int,

-> primary key(deptno)

-> );

Query OK, 0 rows affected (0.32 sec)

mysql> insert into dept values(1,'inventory','pune',123);

Query OK, 1 row affected (0.06 sec)

mysql> insert into dept values(2,'prod','goa',133);

Query OK, 1 row affected (0.05 sec)

mysql> create table project

-> (

-> pno int,

-> pname varchar(20),

-> status varchar(20),

-> primary key(pno)

-> );

Query OK, 0 rows affected (0.12 sec)

mysql> insert into dept project(1,'aasmah','incomplete');

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 'project(1,'aasmah','incomplete')' at line 1

mysql> insert into project values(1,'aasmah','incomplete');

Query OK, 1 row affected (0.06 sec)

mysql> insert into project values(2,'isha','incomplete');

Query OK, 1 row affected (0.07 sec)

mysql> insert into project values(3,'rohan','complete');

Query OK, 1 row affected (0.06 sec)

mysql> insert into project values(4,'aasu','incomplete');

Query OK, 1 row affected (0.07 sec)

mysql> insert into project values(5,'tej','complete');

Query OK, 1 row affected (0.06 sec)

mysql> create table emp

-> (

-> eno int,

-> ename varchar(20),

-> designation varchar(20),

-> pno int,

-> deptno int,

-> primary key(eno),

-> foreign key(pno) references project(pno),

-> foreign key(deptno) references dept(deptno)

-> );

Query OK, 0 rows affected (0.15 sec)

mysql> insert into dept values(3,'marketing','hbad',143);

Query OK, 1 row affected (0.05 sec)

mysql> insert into emp values(1,'Abhay','peon',1,2);

Query OK, 1 row affected (0.05 sec)

mysql> insert into emp values(2,'Dilip','CEO',2,2);

Query OK, 1 row affected (0.06 sec)

mysql> insert into emp values(3,'Suyash','COO',2,1);

Query OK, 1 row affected (0.04 sec)

mysql> insert into emp values(4,'Madhur','head',3,3);

Query OK, 1 row affected (0.06 sec)

mysql> select \* from dept;

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

| deptno | dname | loc | mgrcode |

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

| 1 | inventory | pune | 123 |

| 2 | prod | goa | 133 |

| 3 | marketing | hbad | 143 |

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

3 rows in set (0.00 sec)

mysql> select \* from project;;

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

| pno | pname | status |

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

| 1 | aasmah | incomplete |

| 2 | isha | incomplete |

| 3 | rohan | complete |

| 4 | aasu | incomplete |

| 5 | tej | complete |

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

5 rows in set (0.00 sec)

ERROR:

No query specified

mysql> select \* from emp;

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

| eno | ename | designation | pno | deptno |

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

| 1 | Abhay | peon | 1 | 2 |

| 2 | Dilip | CEO | 2 | 2 |

| 3 | Suyash | COO | 2 | 1 |

| 4 | Madhur | head | 3 | 3 |

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

4 rows in set (0.00 sec)

mysql> select \* from emp where deptno=(select deptno from dept where dname='inventory' and loc='pune');

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

| eno | ename | designation | pno | deptno |

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

| 3 | Suyash | COO | 2 | 1 |

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

1 row in set (0.04 sec)

mysql> select \* from emp where deptno=(select deptno from dept where dname='prod' and loc='goa');

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

| eno | ename | designation | pno | deptno |

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

| 1 | Abhay | peon | 1 | 2 |

| 2 | Dilip | CEO | 2 | 2 |

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

2 rows in set (0.00 sec)

mysql> select ename from emp where pno=(select pno from project where pname='isha');

+--------+

| ename |

+--------+

| Dilip |

| Suyash |

+--------+

2 rows in set (0.00 sec)

mysql> select ename from emp where pno=(select pno from project where pname='aasmah');

+-------+

| ename |

+-------+

| Abhay |

+-------+

1 row in set (0.00 sec)

mysql> select ename from emp where pno=(select pno from project where pname='rohan');

+--------+

| ename |

+--------+

| Madhur |

+--------+

1 row in set (0.00 sec)

mysql> select ename from emp where pno=(select pno from project where pname='aasu');

Empty set (0.00 sec)

mysql> select ename from emp where pno=(select pno from project where pname='tej');

Empty set (0.00 sec)

mysql> select mgrcode from dept where dname='marketing';

+---------+

| mgrcode |

+---------+

| 143 |

+---------+

1 row in set (0.00 sec)

mysql> select \* from emp where pno=(select pno from project where status='incomplete');

ERROR 1242 (21000): Subquery returns more than 1 row

mysql> select \* from emp where pno=(select pno from project where status='incomplete');

ERROR 1242 (21000): Subquery returns more than 1 row

mysql> select ename from emp where pno=(select pno from project where status='incomplete');

ERROR 1242 (21000): Subquery returns more than 1 row

mysql> select ename from emp where pno=(select pno from project where pno=1);

+-------+

| ename |

+-------+

| Abhay |

+-------+

1 row in set (0.00 sec)

mysql> select ename from emp where pno=(select pno from project where pno=2);

+--------+

| ename |

+--------+

| Dilip |

| Suyash |

+--------+

2 rows in set (0.00 sec)

mysql> select ename from emp where pno=(select pno from project where status='incomplete');

ERROR 1242 (21000): Subquery returns more than 1 row

mysql> select ename from emp e inner join project p on e.pno=p.pno and p.status='incomplete';

+--------+

| ename |

+--------+

| Abhay |

| Dilip |

| Suyash |

+--------+

3 rows in set (0.00 sec)

mysql> insert into emp values(4,'Chi','OO',4,3);

ERROR 1062 (23000): Duplicate entry '4' for key 1

mysql> insert into emp values(5,'Chi','OO',4,3);

Query OK, 1 row affected (0.02 sec)

mysql> select ename from emp e inner join project p on e.pno=p.pno and p.status='incomplete';

+--------+

| ename |

+--------+

| Abhay |

| Dilip |

| Suyash |

| Chi |

+--------+

4 rows in set (0.00 sec)

mysql> select ename from emp where pno=(select pno from project where status='incomplete');

ERROR 1242 (21000): Subquery returns more than 1 row

mysql> select ename from emp where pno in (select pno from project where status='incomplete');

+--------+

| ename |

+--------+

| Abhay |

| Dilip |

| Suyash |

| Chi |

+--------+

4 rows in set (0.00 sec)

mysql> select \* from emp where pno in (select pno from project where status='incomplete');

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

| eno | ename | designation | pno | deptno |

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

| 1 | Abhay | peon | 1 | 2 |

| 2 | Dilip | CEO | 2 | 2 |

| 3 | Suyash | COO | 2 | 1 |

| 5 | Chi | OO | 4 | 3 |

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

4 rows in set (0.00 sec)

mysql> select \* from emp where deptno in (select deptno from dept where loc='pune') order by eno desc;

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

| eno | ename | designation | pno | deptno |

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

| 3 | Suyash | COO | 2 | 1 |

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

1 row in set (0.00 sec)

mysql> select \* from emp where deptno in (select deptno from dept where loc='goa') order by eno desc;

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

| eno | ename | designation | pno | deptno |

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

| 2 | Dilip | CEO | 2 | 2 |

| 1 | Abhay | peon | 1 | 2 |

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

2 rows in set (0.00 sec)

mysql> select \* from emp where deptno=(select deptno from dept where loc='goa') order by eno desc;

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

| eno | ename | designation | pno | deptno |

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

| 2 | Dilip | CEO | 2 | 2 |

| 1 | Abhay | peon | 1 | 2 |

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

2 rows in set (0.00 sec)

mysql> insert into dept values

-> ;

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 '' at line 1

mysql> insert into dept values(5,'acc','goa',323);

Query OK, 1 row affected (0.04 sec)

mysql> insert into emp values(6,'dfj','gfg',3,5);

Query OK, 1 row affected (0.06 sec)

mysql> select \* from emp where deptno=(select deptno from dept where loc='goa') order by eno desc;

ERROR 1242 (21000): Subquery returns more than 1 row

mysql> select \* from emp where deptno in (select deptno from dept where loc='goa') order by eno desc;

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

| eno | ename | designation | pno | deptno |

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

| 6 | dfj | gfg | 3 | 5 |

| 2 | Dilip | CEO | 2 | 2 |

| 1 | Abhay | peon | 1 | 2 |

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

3 rows in set (0.00 sec)

mysql> select d.dname,count(e.eno) from dept d,emp e group by d.dname;

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

| dname | count(e.eno) |

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

| acc | 6 |

| inventory | 6 |

| marketing | 6 |

| prod | 6 |

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

4 rows in set (0.00 sec)

mysql> select d.dname,count(e.eno) from dept d,emp e group by d.dname having e.deptno=d.deptno;

ERROR 1054 (42S22): Unknown column 'e.deptno' in 'having clause'

mysql> select \* from dept;

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

| deptno | dname | loc | mgrcode |

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

| 1 | inventory | pune | 123 |

| 2 | prod | goa | 133 |

| 3 | marketing | hbad | 143 |

| 5 | acc | goa | 323 |

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

4 rows in set (0.00 sec)

mysql> select \* from project;;

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

| pno | pname | status |

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

| 1 | aasmah | incomplete |

| 2 | isha | incomplete |

| 3 | rohan | complete |

| 4 | aasu | incomplete |

| 5 | tej | complete |

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

5 rows in set (0.00 sec)

ERROR:

No query specified

mysql> select \* from emp;

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

| eno | ename | designation | pno | deptno |

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

| 1 | Abhay | peon | 1 | 2 |

| 2 | Dilip | CEO | 2 | 2 |

| 3 | Suyash | COO | 2 | 1 |

| 4 | Madhur | head | 3 | 3 |

| 5 | Chi | OO | 4 | 3 |

| 6 | dfj | gfg | 3 | 5 |

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

6 rows in set (0.00 sec)

mysql> select d.dname,count(e.eno) from dept d,emp e group by d.dname having e.deptno=d.deptno;

ERROR 1054 (42S22): Unknown column 'e.deptno' in 'having clause'

mysql> select d.dname,count(e.eno) as count from dept d,emp e group by d.dname;

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

| dname | count |

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

| acc | 6 |

| inventory | 6 |

| marketing | 6 |

| prod | 6 |

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

4 rows in set (0.00 sec)

mysql> select d.dname,count(e.eno) as count from dept d,emp e group by e.dname having d.deptno in (select deptno from emp group by deptno);

ERROR 1054 (42S22): Unknown column 'e.dname' in 'group statement'

mysql> select d.dname,count(e.eno) as count from dept d,emp e group by d.dname having d.deptno in (select deptno from emp group by deptno);

ERROR 1054 (42S22): Unknown column 'd.deptno' in 'IN/ALL/ANY subquery'

mysql> select d.dname,count(e.eno) as count from dept d,emp e group by d.dname having d.deptno in (select e.deptno from emp e group by e.deptno);

ERROR 1054 (42S22): Unknown column 'd.deptno' in 'IN/ALL/ANY subquery'

mysql>

mysql>

mysql>

mysql>

mysql>

mysql> select d.dname,count(eno) from dept d,emp e group by d.dname having d.deptno in (select e.deptno from emp e group by e.deptno);

ERROR 1054 (42S22): Unknown column 'd.deptno' in 'IN/ALL/ANY subquery'

mysql> select d.dname,count(d.deptno) from dept d,emp e group by e.deptno having d.deptno=e.deptno;

ERROR 1054 (42S22): Unknown column 'd.deptno' in 'having clause'

mysql> select d.dname,count(e.deptno) from dept d,emp e group by e.deptno having d.deptno=e.deptno;

ERROR 1054 (42S22): Unknown column 'd.deptno' in 'having clause'

mysql> select d.dname,count(e.deptno) from dept d,emp e group by e.deptno having e.deptno=d.deptno;

ERROR 1054 (42S22): Unknown column 'd.deptno' in 'having clause'

mysql> select d.dname,count(e.deptno) from dept d,emp e group by e.deptno having e.deptno in d.deptno;

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 'd.deptno' at line 1

mysql> select d.dname,count(d.deptno) from dept d,emp e group by e.deptno having e.deptno=d.deptno;

ERROR 1054 (42S22): Unknown column 'd.deptno' in 'having clause'

mysql> select \* from dept d inner join emp e on d.deptno=e.deptno;

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

| deptno | dname | loc | mgrcode | eno | ename | designation | pno | deptno |

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

| 1 | inventory | pune | 123 | 3 | Suyash | COO | 2 | 1 |

| 2 | prod | goa | 133 | 1 | Abhay | peon | 1 | 2 |

| 2 | prod | goa | 133 | 2 | Dilip | CEO | 2 | 2 |

| 3 | marketing | hbad | 143 | 4 | Madhur | head | 3 | 3 |

| 3 | marketing | hbad | 143 | 5 | Chi | OO | 4 | 3 |

| 5 | acc | goa | 323 | 6 | dfj | gfg | 3 | 5 |

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

6 rows in set (0.00 sec)

mysql> select d.dname,count(d.dname) from dept d inner join emp e on d.deptno=e.deptno group by d.dname;

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

| dname | count(d.dname) |

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

| acc | 1 |

| inventory | 1 |

| marketing | 2 |

| prod | 2 |

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

4 rows in set (0.00 sec)

mysql> insert into dept values(6,'inventory','mumbai',213);

Query OK, 1 row affected (0.07 sec)

mysql> insert into emp values(7,'efw','wfwe',3,6);

Query OK, 1 row affected (0.04 sec)

mysql> select d.dname,count(d.dname) from dept d inner join emp e on d.deptno=e.deptno group by d.dname;

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

| dname | count(d.dname) |

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

| acc | 1 |

| inventory | 2 |

| marketing | 2 |

| prod | 2 |

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

4 rows in set (0.00 sec)

mysql> select dname from dept where deptno=(select deptno from emp where pno in (select pno from project where status='complete'));

ERROR 1242 (21000): Subquery returns more than 1 row

mysql> select dname from dept where deptno in (select deptno from emp where pno in (select pno from project where status='complete'));

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

| dname |

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

| marketing |

| acc |

| inventory |

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

3 rows in set (0.00 sec)

mysql> select \* from project;

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

| pno | pname | status |

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

| 1 | aasmah | incomplete |

| 2 | isha | incomplete |

| 3 | rohan | complete |

| 4 | aasu | incomplete |

| 5 | tej | complete |

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

5 rows in set (0.00 sec)

mysql> select \* from dept;

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

| deptno | dname | loc | mgrcode |

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

| 1 | inventory | pune | 123 |

| 2 | prod | goa | 133 |

| 3 | marketing | hbad | 143 |

| 5 | acc | goa | 323 |

| 6 | inventory | mumbai | 213 |

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

5 rows in set (0.00 sec)

mysql> select \* from emp;

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

| eno | ename | designation | pno | deptno |

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

| 1 | Abhay | peon | 1 | 2 |

| 2 | Dilip | CEO | 2 | 2 |

| 3 | Suyash | COO | 2 | 1 |

| 4 | Madhur | head | 3 | 3 |

| 5 | Chi | OO | 4 | 3 |

| 6 | dfj | gfg | 3 | 5 |

| 7 | efw | wfwe | 3 | 6 |

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

7 rows in set (0.00 sec)

mysql> select count(dname) from dept group by dname;

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

| count(dname) |

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

| 1 |

| 2 |

| 1 |

| 1 |

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

4 rows in set (0.00 sec)

mysql> select count(dno) from dept;

ERROR 1054 (42S22): Unknown column 'dno' in 'field list'

mysql> select count(deptno) from dept;

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

| count(deptno) |

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

| 5 |

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

1 row in set (0.02 sec)

mysql> select count(eno) from emp;

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

| count(eno) |

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

| 7 |

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

1 row in set (0.00 sec)

mysql> create or replace view v3 as select dname,deptno from dept;

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from v3;

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

| dname | deptno |

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

| inventory | 1 |

| prod | 2 |

| marketing | 3 |

| acc | 5 |

| inventory | 6 |

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

5 rows in set (0.03 sec)

Chit 5

mysql> create table empl

-> (

-> eid int,

-> ename varchar(20),

-> city varchar(20),

-> state varchar(20),

-> salary int,

-> age int,

-> date date,

-> primary key(eid)

-> );

Query OK, 0 rows affected (0.16 sec)

mysql> insert into emp values(1,'Dilip','mlg','Maha',20000,19,'2014-09-18');

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into empl values(1,'Dilip','mlg','Maha',20000,19,'2014-09-18');

Query OK, 1 row affected (0.16 sec)

mysql> insert into empl values(2,'Ab','La','Go',1000,49,'2011-01-08');

Query OK, 1 row affected (0.05 sec)

mysql> insert into empl values(3,'amadhura','Lass','Gsdfo',14000,69,'1011-01-08');

Query OK, 1 row affected (0.06 sec)

mysql> insert into empl values(3,'amareura','eass','erseffo',64000,23,'2011-11-08');

ERROR 1062 (23000): Duplicate entry '3' for key 1

mysql> insert into empl values(4,'amareura','eass','erseffo',64000,23,'2011-11-08');

Query OK, 1 row affected (0.06 sec)

mysql> select \* from empl;

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

| eid | ename | city | state | salary | age | date |

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

| 1 | Dilip | mlg | Maha | 20000 | 19 | 2014-09-18 |

| 2 | Ab | La | Go | 1000 | 49 | 2011-01-08 |

| 3 | amadhura | Lass | Gsdfo | 14000 | 69 | 1011-01-08 |

| 4 | amareura | eass | erseffo | 64000 | 23 | 2011-11-08 |

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

4 rows in set (0.00 sec)

mysql> select ename from empl where ename like 'a%' and ename like '%a';

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

| ename |

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

| amadhura |

| amareura |

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

2 rows in set (0.00 sec)

mysql> select ename,salary from empl where age>=15 and age<=45;

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

| ename | salary |

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

| Dilip | 20000 |

| amareura | 64000 |

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

2 rows in set (0.00 sec)

mysql> select count(\*) as total from empl where salary<50000;

+-------+

| total |

+-------+

| 3 |

+-------+

1 row in set (0.00 sec)

mysql> select count(\*) as total from empl where salary>50000;

+-------+

| total |

+-------+

| 1 |

+-------+

1 row in set (0.00 sec)

mysql> select ename from empl order by date asc;

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

| ename |

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

| amadhura |

| Ab |

| amareura |

| Dilip |

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

4 rows in set (0.00 sec)

mysql> select ename from empl order by date desc;

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

| ename |

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

| Dilip |

| amareura |

| Ab |

| amadhura |

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

4 rows in set (0.00 sec)

mysql> select ename from empl where sal>avg(sal);

ERROR 1054 (42S22): Unknown column 'sal' in 'where clause'

mysql> select ename from empl where sal>(select avg(sal) from empl);

ERROR 1054 (42S22): Unknown column 'sal' in 'where clause'

mysql> select ename from empl where salary>avg(salary);

ERROR 1111 (HY000): Invalid use of group function

mysql> select ename from empl where salary>(select avg(salary) from empl);

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

| ename |

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

| amareura |

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

1 row in set (0.03 sec)

mysql> select avg(salary) from empl;

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

| avg(salary) |

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

| 24750.0000 |

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

1 row in set (0.00 sec)

Chit 6

mysql> drop table empl;

Query OK, 0 rows affected (0.10 sec)

mysql> create table empl

-> (

-> empno int.

-> ;

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 '.' at line 3

mysql> create table empl

-> (

-> empno int,

-> ename varchar(20),

-> date date,

-> com int,

-> netsal int,

-> dno int,

-> designation varchar(20),

-> primary key(empno)

-> );

Query OK, 0 rows affected (0.10 sec)

mysql> insert into empl values(1,'Dilip','2004-02-12',30,2000,1,'sdf');

Query OK, 1 row affected (0.06 sec)

mysql> insert into empl values(2,'Ab','2104-02-12',70,200000,2,'efwe');

Query OK, 1 row affected (0.06 sec)

mysql> insert into empl values(2,'df','2114-02-12',50,10000,2,'df');

ERROR 1062 (23000): Duplicate entry '2' for key 1

mysql> insert into empl values(3,'df','2114-02-12',50,10000,2,'df');

Query OK, 1 row affected (0.08 sec)

mysql> select \* from empl where dno=2;

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

| empno | ename | date | com | netsal | dno | designation |

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

| 2 | Ab | 2104-02-12 | 70 | 200000 | 2 | efwe |

| 3 | df | 2114-02-12 | 50 | 10000 | 2 | df |

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

2 rows in set (0.00 sec)

mysql> insert into empl values(4,'fsdf','2414-02-12',10,7000,3,'clerk');

Query OK, 1 row affected (0.06 sec)

mysql> insert into empl values(5,'fsdf','1544-02-12',10,7000,4,'clerk');

Query OK, 1 row affected (0.07 sec)

mysql> select empn,ename,dno where designation='clerk';

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 'where designation='clerk'' at line 1

mysql> select empn,ename,dno from empl where designation='clerk';

ERROR 1054 (42S22): Unknown column 'empn' in 'field list'

mysql> select empno,ename,dno from empl where designation='clerk';

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

| empno | ename | dno |

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

| 4 | fsdf | 3 |

| 5 | fsdf | 4 |

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

2 rows in set (0.00 sec)

mysql> select \* from empl where com>100;

Empty set (0.00 sec)

mysql> insert into empl values(5,'fsdf','2414-02-12',10000,7000,3,'erk');

ERROR 1062 (23000): Duplicate entry '5' for key 1

mysql> insert into empl values(6,'fsdf','2412-02-12',10000,7000,3,'erk');

Query OK, 1 row affected (0.06 sec)

mysql> insert into empl values(7,'fsdf','3412-02-12',6900,7000,4,'ess');

Query OK, 1 row affected (0.07 sec)

mysql> select \* from empl where com>sal;

ERROR 1054 (42S22): Unknown column 'sal' in 'where clause'

mysql> select \* from empl where com>netsal;

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

| empno | ename | date | com | netsal | dno | designation |

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

| 6 | fsdf | 2412-02-12 | 10000 | 7000 | 3 | erk |

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

1 row in set (0.00 sec)

mysql> select \* from empl where com>(netsal\*(60/100));

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

| empno | ename | date | com | netsal | dno | designation |

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

| 6 | fsdf | 2412-02-12 | 10000 | 7000 | 3 | erk |

| 7 | fsdf | 3412-02-12 | 6900 | 7000 | 4 | ess |

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

2 rows in set (0.00 sec)

mysql> select \* from emp;

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

| eno | ename | designation | pno | deptno |

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

| 1 | Abhay | peon | 1 | 2 |

| 2 | Dilip | CEO | 2 | 2 |

| 3 | Suyash | COO | 2 | 1 |

| 4 | Madhur | head | 3 | 3 |

| 5 | Chi | OO | 4 | 3 |

| 6 | dfj | gfg | 3 | 5 |

| 7 | efw | wfwe | 3 | 6 |

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

7 rows in set (0.04 sec)

mysql> select \* from empl;

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

| empno | ename | date | com | netsal | dno | designation |

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

| 1 | Dilip | 2004-02-12 | 30 | 2000 | 1 | sdf |

| 2 | Ab | 2104-02-12 | 70 | 200000 | 2 | efwe |

| 3 | df | 2114-02-12 | 50 | 10000 | 2 | df |

| 4 | fsdf | 2414-02-12 | 10 | 7000 | 3 | clerk |

| 5 | fsdf | 1544-02-12 | 10 | 7000 | 4 | clerk |

| 6 | fsdf | 2412-02-12 | 10000 | 7000 | 3 | erk |

| 7 | fsdf | 3412-02-12 | 6900 | 7000 | 4 | ess |

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

7 rows in set (0.00 sec)

mysql> select ename,desination.netsal from empl where dno=2 and netsal>20000;

ERROR 1054 (42S22): Unknown column 'desination.netsal' in 'field list'

mysql> select ename,designation,netsal from empl where dno=2 and netsal>20000;

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

| ename | designation | netsal |

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

| Ab | efwe | 200000 |

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

1 row in set (0.00 sec)

mysql> select ename,designation,netsal from empl where dno=2 and netsal>10000;

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

| ename | designation | netsal |

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

| Ab | efwe | 200000 |

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

1 row in set (0.00 sec)

mysql> select ename,designation,netsal from empl where dno=2 and netsal>9000;

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

| ename | designation | netsal |

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

| Ab | efwe | 200000 |

| df | df | 10000 |

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

2 rows in set (0.00 sec)

mysql> select \* from empl where designation='clerk' and netsal>1500;

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

| empno | ename | date | com | netsal | dno | designation |

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

| 4 | fsdf | 2414-02-12 | 10 | 7000 | 3 | clerk |

| 5 | fsdf | 1544-02-12 | 10 | 7000 | 4 | clerk |

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

2 rows in set (0.00 sec)

mysql> select \* from empl where designation='clerk' or designation='df';

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

| empno | ename | date | com | netsal | dno | designation |

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

| 3 | df | 2114-02-12 | 50 | 10000 | 2 | df |

| 4 | fsdf | 2414-02-12 | 10 | 7000 | 3 | clerk |

| 5 | fsdf | 1544-02-12 | 10 | 7000 | 4 | clerk |

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

3 rows in set (0.00 sec)

mysql> select \* from empl where designation='erk' or designation='df';

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

| empno | ename | date | com | netsal | dno | designation |

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

| 3 | df | 2114-02-12 | 50 | 10000 | 2 | df |

| 6 | fsdf | 2412-02-12 | 10000 | 7000 | 3 | erk |

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

2 rows in set (0.00 sec)

mysql> select \* from empl where designation='clerk' and dno<>3;

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

| empno | ename | date | com | netsal | dno | designation |

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

| 5 | fsdf | 1544-02-12 | 10 | 7000 | 4 | clerk |

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

1 row in set (0.00 sec)

mysql> select \* from empl where designation='clerk' and dno<>4;

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

| empno | ename | date | com | netsal | dno | designation |

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

| 4 | fsdf | 2414-02-12 | 10 | 7000 | 3 | clerk |

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

1 row in set (0.00 sec)

mysql> select \* from empl where designation='efwe' designation='df' and dno=2;

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 'designation='df' and dno=2' at line 1

mysql> select \* from empl where designation='efwe' or designation='df' and dno=2;

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

| empno | ename | date | com | netsal | dno | designation |

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

| 2 | Ab | 2104-02-12 | 70 | 200000 | 2 | efwe |

| 3 | df | 2114-02-12 | 50 | 10000 | 2 | df |

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

2 rows in set (0.00 sec)

mysql> select \* from empl where (designation='sdf' and dno=1) or (designation='clerk' and dno=3);

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

| empno | ename | date | com | netsal | dno | designation |

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

| 1 | Dilip | 2004-02-12 | 30 | 2000 | 1 | sdf |

| 4 | fsdf | 2414-02-12 | 10 | 7000 | 3 | clerk |

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

2 rows in set (0.00 sec)

mysql> insert into empl values(7,'Ab','2104-02-12',70,502000,3,'clerk');

ERROR 1062 (23000): Duplicate entry '7' for key 1

mysql> insert into empl values(6,'Ab','2104-02-12',70,502000,3,'clerk');

ERROR 1062 (23000): Duplicate entry '6' for key 1

mysql> insert into empl values(5,'Ab','2104-02-12',70,502000,3,'clerk');

ERROR 1062 (23000): Duplicate entry '5' for key 1

mysql> insert into empl values(8,'Ab','2104-02-12',70,502000,3,'clerk');

Query OK, 1 row affected (0.05 sec)

mysql> select \* from empl where (designation='sdf' and dno=1) or (designation='clerk' and dno=3);

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

| empno | ename | date | com | netsal | dno | designation |

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

| 1 | Dilip | 2004-02-12 | 30 | 2000 | 1 | sdf |

| 4 | fsdf | 2414-02-12 | 10 | 7000 | 3 | clerk |

| 8 | Ab | 2104-02-12 | 70 | 502000 | 3 | clerk |

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

3 rows in set (0.00 sec)

mysql> create or replace view v4 as select empno,ename,dno from empl;

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from v4;

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

| empno | ename | dno |

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

| 1 | Dilip | 1 |

| 2 | Ab | 2 |

| 3 | df | 2 |

| 4 | fsdf | 3 |

| 5 | fsdf | 4 |

| 6 | fsdf | 3 |

| 7 | fsdf | 4 |

| 8 | Ab | 3 |

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

8 rows in set (0.00 sec)

Chit 7