Chit 5

mysql> use db5;

Database changed

mysql> create table emp

-> (

-> eid int,

-> ename varchar(20),

-> city varchar(20),

-> state varchar(20),

-> sal int,

-> age int,

-> hdate date,

-> primary key(eid)

-> );

Query OK, 0 rows affected (0.13 sec)

mysql> insert into emp values(1,'rut','pune','maha',2000,19,'2016-12-12');

Query OK, 1 row affected (0.06 sec)

mysql> insert into emp values(2,'dil','mlg','goa',20000,20,'2016-11-02');

Query OK, 1 row affected (0.10 sec)

mysql> insert into emp values(2,'vis','sol','ker',70000,30,'3016-11-02');

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

mysql> insert into emp values(3,'vis','sol','ker',70000,30,'3016-11-02');

Query OK, 1 row affected (0.05 sec)

mysql> insert into emp values(4,'su','abad','tam',200000,69,'3000-11-02');

Query OK, 1 row affected (0.03 sec)

mysql> insert into emp values(5,'ajbkba','hht','gjgh',10000,76,'1000-11-02');

Query OK, 1 row affected (0.05 sec)

mysql> select \* from emp;

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

| eid | ename | city | state | sal | age | hdate |

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

| 1 | rut | pune | maha | 2000 | 19 | 2016-12-12 |

| 2 | dil | mlg | goa | 20000 | 20 | 2016-11-02 |

| 3 | vis | sol | ker | 70000 | 30 | 3016-11-02 |

| 4 | su | abad | tam | 200000 | 69 | 3000-11-02 |

| 5 | ajbkba | hht | gjgh | 10000 | 76 | 1000-11-02 |

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

5 rows in set (0.00 sec)

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

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 ''%a'' at line 1

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

+--------+

| ename |

+--------+

| ajbkba |

+--------+

1 row in set (0.00 sec)

mysql> select ename from emp where ename like 'a%a';

+--------+

| ename |

+--------+

| ajbkba |

+--------+

1 row in set (0.00 sec)

mysql> insert into emp values(6,'ajbkb','hht','gjgh',10000,76,'1000-11-02');

Query OK, 1 row affected (0.07 sec)

mysql> insert into emp values(7,'jbkba','hht','gjgh',10000,76,'1000-11-02');

Query OK, 1 row affected (0.07 sec)

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

+--------+

| ename |

+--------+

| ajbkba |

+--------+

1 row in set (0.00 sec)

mysql> select ename from emp where ename like 'a%a';

+--------+

| ename |

+--------+

| ajbkba |

+--------+

1 row in set (0.00 sec)

mysql> seletct ename,sal from emp where sal between 35,45;

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 'seletct ename,sal from emp where sal between 35,45' at line 1

mysql> seletct ename,sal from emp where sal between 35 and 45;

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 'seletct ename,sal from emp where sal between 35 and 45' at line 1

mysql> select ename,sal from emp where sal between 35 and 45;

Empty set (0.04 sec)

mysql> select ename,sal from emp where sal between 35000 and 45000;

Empty set (0.00 sec)

mysql> select ename,sal from emp where sal between 2000 and 20000;

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

| ename | sal |

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

| rut | 2000 |

| dil | 20000 |

| ajbkba | 10000 |

| ajbkb | 10000 |

| jbkba | 10000 |

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

5 rows in set (0.00 sec)

mysql> select ename,sal from emp where sal in 2000 and 20000;

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 '2000 and 20000' at line 1

mysql> select ename,sal from emp where sal in (2000 and 20000);

Empty set (0.00 sec)

mysql> select ename,sal from emp where age between 35 and 80;

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

| ename | sal |

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

| su | 200000 |

| ajbkba | 10000 |

| ajbkb | 10000 |

| jbkba | 10000 |

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

4 rows in set (0.00 sec)

mysql> select count(\*) as total from emp where sal<50000;

+-------+

| total |

+-------+

| 5 |

+-------+

1 row in set (0.00 sec)

mysql> select \* from emp;

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

| eid | ename | city | state | sal | age | hdate |

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

| 1 | rut | pune | maha | 2000 | 19 | 2016-12-12 |

| 2 | dil | mlg | goa | 20000 | 20 | 2016-11-02 |

| 3 | vis | sol | ker | 70000 | 30 | 3016-11-02 |

| 4 | su | abad | tam | 200000 | 69 | 3000-11-02 |

| 5 | ajbkba | hht | gjgh | 10000 | 76 | 1000-11-02 |

| 6 | ajbkb | hht | gjgh | 10000 | 76 | 1000-11-02 |

| 7 | jbkba | hht | gjgh | 10000 | 76 | 1000-11-02 |

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

7 rows in set (0.00 sec)

mysql> select count(\*) as total from emp where sal>50000;

+-------+

| total |

+-------+

| 2 |

+-------+

1 row in set (0.00 sec)

mysql> select ename from emp order by hdate;

+--------+

| ename |

+--------+

| ajbkba |

| ajbkb |

| jbkba |

| dil |

| rut |

| su |

| vis |

+--------+

7 rows in set (0.01 sec)

mysql> select \* from emp where sal>avg(sal);

ERROR 1111 (HY000): Invalid use of group function

mysql> select \* from emp where sal>(select avg(sal) from emp);

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

| eid | ename | city | state | sal | age | hdate |

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

| 3 | vis | sol | ker | 70000 | 30 | 3016-11-02 |

| 4 | su | abad | tam | 200000 | 69 | 3000-11-02 |

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

2 rows in set (0.00 sec)

mysql> delimiter //

mysql> create procedure high()

-> begin

-> select max(sal) from emp;

-> end//

Query OK, 0 rows affected (0.06 sec)

mysql> delimiter ;

mysql> call high();

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

| max(sal) |

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

| 200000 |

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

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)