Chit 3

mysql> use db3;

Database changed

mysql> create table tutorial

-> (

-> tid int,

-> ttitle varchar(20),

->

-> author varchar(20),

-> sub date

-> );

Query OK, 0 rows affected (0.34 sec)

mysql> desc tutorial;

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

| Field | Type | Null | Key | Default | Extra |

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

| tid | int(11) | YES | | NULL | |

| ttitle | varchar(20) | YES | | NULL | |

| author | varchar(20) | YES | | NULL | |

| sub | date | YES | | NULL | |

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

4 rows in set (0.01 sec)

mysql> alter table tutorial modify tid int primary key;

Query OK, 0 rows affected (0.21 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc tutorial;

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

| Field | Type | Null | Key | Default | Extra |

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

| tid | int(11) | NO | PRI | | |

| ttitle | varchar(20) | YES | | NULL | |

| author | varchar(20) | YES | | NULL | |

| sub | date | YES | | NULL | |

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

4 rows in set (0.03 sec)

mysql> insert into tutorial values(1,'C','rut','2016-09-11');

Query OK, 1 row affected (0.27 sec)

mysql> insert into tutorial values(1,'A','madhur','3016-09-11');

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

mysql> insert into tutorial values(2,'A','madhur','3016-09-11');

Query OK, 1 row affected (0.04 sec)

mysql> insert into tutorial values(3,'G','Absa','3116-09-12');

Query OK, 1 row affected (0.05 sec)

mysql> insert into tutorial values(4,'Pyt','dassa','3115-02-20');

Query OK, 1 row affected (0.07 sec)

mysql> select \* from tutorial;

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

| tid | ttitle | author | sub |

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

| 1 | C | rut | 2016-09-11 |

| 2 | A | madhur | 3016-09-11 |

| 3 | G | Absa | 3116-09-12 |

| 4 | Pyt | dassa | 3115-02-20 |

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

4 rows in set (0.00 sec)

mysql> select tid,author from tutorial where ttitle='pyt';

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

| tid | author |

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

| 4 | dassa |

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

1 row in set (0.00 sec)

mysql> select \* from tutorial where author like '%sa';

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

| tid | ttitle | author | sub |

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

| 3 | G | Absa | 3116-09-12 |

| 4 | Pyt | dassa | 3115-02-20 |

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

2 rows in set (0.00 sec)

mysql> select \* from tutorial order by tid,author desc;

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

| tid | ttitle | author | sub |

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

| 1 | C | rut | 2016-09-11 |

| 2 | A | madhur | 3016-09-11 |

| 3 | G | Absa | 3116-09-12 |

| 4 | Pyt | dassa | 3115-02-20 |

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

4 rows in set (0.00 sec)

mysql> select \* from tutorial order by tid desc;

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

| tid | ttitle | author | sub |

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

| 4 | Pyt | dassa | 3115-02-20 |

| 3 | G | Absa | 3116-09-12 |

| 2 | A | madhur | 3016-09-11 |

| 1 | C | rut | 2016-09-11 |

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

4 rows in set (0.00 sec)

mysql> select \* from tutorial order by author desc;

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

| tid | ttitle | author | sub |

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

| 1 | C | rut | 2016-09-11 |

| 2 | A | madhur | 3016-09-11 |

| 4 | Pyt | dassa | 3115-02-20 |

| 3 | G | Absa | 3116-09-12 |

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

4 rows in set (0.00 sec)

mysql> select \* from tutorial order by tid desc,author desc;

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

| tid | ttitle | author | sub |

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

| 4 | Pyt | dassa | 3115-02-20 |

| 3 | G | Absa | 3116-09-12 |

| 2 | A | madhur | 3016-09-11 |

| 1 | C | rut | 2016-09-11 |

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

4 rows in set (0.00 sec)

mysql> create or replace view v5 as select tid,ttitle,author from tutorial;

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from v5;

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

| tid | ttitle | author |

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

| 1 | C | rut |

| 2 | A | madhur |

| 3 | G | Absa |

| 4 | Pyt | dassa |

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

4 rows in set (0.00 sec)

mysql> update tutorial set sub='2004-09-11' where author='madhur';

Query OK, 1 row affected (0.07 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from tutorial;

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

| tid | ttitle | author | sub |

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

| 1 | C | rut | 2016-09-11 |

| 2 | A | madhur | 2004-09-11 |

| 3 | G | Absa | 3116-09-12 |

| 4 | Pyt | dassa | 3115-02-20 |

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

4 rows in set (0.00 sec)

mysql> insert into tutorial values(5,'sasdf','madhur','3006-09-11');

Query OK, 1 row affected (0.06 sec)

mysql> select author,count(author) group by author;

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 'group by author' at line 1

mysql> select author,count(author) from tutorial group by author;

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

| author | count(author) |

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

| Absa | 1 |

| dassa | 1 |

| madhur | 2 |

| rut | 1 |

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

4 rows in set (0.04 sec)

mysql> select author,count(author) from tutorial group by author having author='madhur';

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

| author | count(author) |

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

| madhur | 2 |

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

1 row in set (0.00 sec)

mysql> delimiter //

mysql> create function find(ttitle varchar(20))

-> returns date

-> deterministic

-> begin

-> declare d date;

-> set d=select sub from tutorial where ttitle=ttitle;

-> return d;

-> end//

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 'select sub from tutorial where ttitle=ttitle;

return d;

end' at line 6

mysql> delimiter //

mysql> //

ERROR:

No query specified

mysql> ;

->

-> ;

-> //

ERROR 1065 (42000): Query was empty

mysql> delimiter ;

mysql> ;

ERROR:

No query specified

mysql> delimiter //

mysql> create function find(ttitle varchar(20))

-> returns date

-> deterministic

-> begin

-> declare d date;

-> set d=(select sub from tutorial where ttitle=ttitle);

-> //

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 6

mysql> delimiter ;

mysql> delimiter //

mysql> create function find(tit varchar(20))

-> returns date

-> deterministic

-> begin

-> declare d date;

-> set d=(select sub from tutorial where ttitle=tit);

-> return d;

-> end //

Query OK, 0 rows affected (0.16 sec)

mysql> select find(pyt);

-> //

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

mysql> select find(pyt)//

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

mysql> select find('pyt')//

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

| find('pyt') |

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

| 3115-02-20 |

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

1 row in set (0.04 sec)