Microsoft Windows [Version 10.0.19045.6093]

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C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -h localhost -u root -p

Enter password: \*\*\*\*

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

Your MySQL connection id is 11

Server version: 8.0.34 MySQL Community Server - GPL

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

mysql> create database ecommerce;

Query OK, 1 row affected (0.01 sec)

mysql> create table customer(cid int, name varchar(20), address varchar(20));

ERROR 1046 (3D000): No database selected

mysql> use ecommerce;

Database changed

mysql> create table customer(cid int, name varchar(20), address varchar(20));

Query OK, 0 rows affected (0.15 sec)

mysql> desc customer;

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

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

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

| cid | int | YES | | NULL | |

| name | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

3 rows in set (0.04 sec)

mysql> create table product(pid int, productname(20), price 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 '(20), price int)' at line 1

mysql> create table product(pid int, productname varchar(20), price int);

Query OK, 0 rows affected (0.14 sec)

mysql> desc product;

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

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

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

| pid | int | YES | | NULL | |

| productname | varchar(20) | YES | | NULL | |

| price | int | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> alter table customer add primary key (cid);

Query OK, 0 rows affected (0.18 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc customer;

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

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

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

| cid | int | NO | PRI | NULL | |

| name | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> create table purchase (purchaseid int, po int, category varchar(200));

Query OK, 0 rows affected (0.15 sec)

mysql> desc table purchase;

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

| id | select\_type | table | partitions | type | possible\_keys | key | key\_len | ref | rows | filtered | Extra |

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

| 1 | SIMPLE | purchase | NULL | ALL | NULL | NULL | NULL | NULL | 1 | 100.00 | NULL |

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

1 row in set, 1 warning (0.01 sec)

mysql> create table purchase(purchaseid int, po int, category varchar(200));

ERROR 1050 (42S01): Table 'purchase' already exists

mysql> desc table purchase;

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

| id | select\_type | table | partitions | type | possible\_keys | key | key\_len | ref | rows | filtered | Extra |

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

| 1 | SIMPLE | purchase | NULL | ALL | NULL | NULL | NULL | NULL | 1 | 100.00 | NULL |

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

1 row in set, 1 warning (0.00 sec)

mysql> alter table purchase add primary key(purchaseid);

Query OK, 0 rows affected (0.16 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc purchase;

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

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

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

| purchaseid | int | NO | PRI | NULL | |

| po | int | YES | | NULL | |

| category | varchar(200) | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> create user 'tony'@'localhost' identified by 'tony123';

Query OK, 0 rows affected (0.04 sec)

mysql> grant select, insert, update on ecommerce.customer to 'tony'@'localhost';

Query OK, 0 rows affected (0.01 sec)

mysql> grant select, insert, update on ecommerce.purchase to 'tony'@'localhost';

Query OK, 0 rows affected (0.00 sec)

mysql> CREATE USER 'admin'@'localhost' IDENTIFIED BY 'admin\_password';

Query OK, 0 rows affected (0.01 sec)

mysql> alter table customer add constraint chk check (cid>100);

ERROR 3819 (HY000): Check constraint 'chk' is violated.

mysql> ALTER TABLE customer ADD CONSTRAINT chk CHECK (cid > 100);

ERROR 3819 (HY000): Check constraint 'chk' is violated.

mysql> alter table customer modify cid int check (cid>100);

ERROR 3819 (HY000): Check constraint 'customer\_chk\_1' is violated.

mysql> alter table customer add constraint chk check (cid<100);

Query OK, 1 row affected (0.15 sec)

Records: 1 Duplicates: 0 Warnings: 0

mysql> alter table customer add constraint chk check (cid>100);

ERROR 3822 (HY000): Duplicate check constraint name 'chk'.

mysql> alter table customer modify cid int check (cid<100);

Query OK, 1 row affected (0.28 sec)

Records: 1 Duplicates: 0 Warnings: 0

mysql> alter table customer drop constraint chk;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table customer drop primary key;

Query OK, 1 row affected (0.15 sec)

Records: 1 Duplicates: 0 Warnings: 0

mysql> insert into customer values(2, 'Chris', 'Mumbai');

Query OK, 1 row affected (0.00 sec)

mysql> update customer set address='New York' where name='Chris';

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql>

user created

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C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u tony -p

Enter password: \*\*\*\*\*\*\*

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

Your MySQL connection id is 12

Server version: 8.0.34 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 ecommerce

Database changed

mysql> insert into customer(cid, name, address);

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 customer(cid, name, address)

-> values(01, 'tony', 'pune');

Query OK, 1 row affected (0.01 sec)

mysql> desc customer;

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

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

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

| cid | int | NO | PRI | NULL | |

| name | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> select \* from customer;

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

| cid | name | address |

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

| 1 | tony | pune |

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

1 row in set (0.00 sec)

mysql> update customer set cid = 101 where cid = 1

-> set cid = 101

-> where cid = 1;

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 'set cid = 101

where cid = 1' at line 2

mysql> update customer

-> set cid = 101

-> where cid = 1;

ERROR 3819 (HY000): Check constraint 'chk' is violated.

mysql> desc customer

-> desc customer;

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 'desc customer' at line 2

mysql> desc customer;

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

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

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

| cid | int | NO | PRI | NULL | |

| name | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> select \* from customer

-> /c

-> ;

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 '/c' at line 2

mysql> select \* from customer;

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

| cid | name | address |

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

| 1 | tony | pune |

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

1 row in set (0.00 sec)

mysql>