Enter password: \*\*\*\*

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

Your MySQL connection id is 8

Server version: 8.0.33 MySQL Community Server - GPL

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owners.

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

mysql> show databases

-> show databases;

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 'show databases' at line 2

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| mytest |

| performance\_schema |

| sakila |

| sys |

| test |

| test1 |

| uni |

| unii |

| university\_b |

| university\_db |

| university\_e |

| world |

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

14 rows in set (0.26 sec)

mysql> create table product (pid varchar(10) primary key,pname varchar(10),weight int,price numeric);

ERROR 1046 (3D000): No database selected

mysql> use uni;

Database changed

mysql> create table product (pid varchar(10) primary key,pname varchar(10),weight int,price numeric);

Query OK, 0 rows affected (0.19 sec)

mysql> desc product;

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

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

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

| pid | varchar(10) | NO | PRI | NULL | |

| pname | varchar(10) | YES | | NULL | |

| weight | int | YES | | NULL | |

| price | decimal(10,0) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table add column color varchar(10);

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 'add column color varchar(10)' at line 1

mysql> alter table product add column color varchar(10);

Query OK, 0 rows affected (0.20 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> insert into product values('P1','Bolt',12,200,'Red'),('P2','Nut',17,130,'Green'),('P3','Cam',12,300,'Blue'),('P4','Cog',19,90,'Red'),('P5','Screw',15,85,'Blue');

Query OK, 5 rows affected (0.04 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> select\* from product;

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

| pid | pname | weight | price | color |

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

| P1 | Bolt | 12 | 200 | Red |

| P2 | Nut | 17 | 130 | Green |

| P3 | Cam | 12 | 300 | Blue |

| P4 | Cog | 19 | 90 | Red |

| P5 | Screw | 15 | 85 | Blue |

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

5 rows in set (0.00 sec)

mysql> create table customers (cid varchar(10) primary key,cname varchar(10),address varchar(10));

Query OK, 0 rows affected (0.22 sec)

mysql> insert into customers values('C1','Easter','London'),('C2','James','Pairs'),('C3','John','London'),('C4','Nigel','Rome'),('C5','Smith','Athens');

Query OK, 5 rows affected (0.12 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> select \* from customers;

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

| cid | cname | address |

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

| C1 | Easter | London |

| C2 | James | Pairs |

| C3 | John | London |

| C4 | Nigel | Rome |

| C5 | Smith | Athens |

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

5 rows in set (0.00 sec)

mysql> insert into customers value('C6','Rose','London');

Query OK, 1 row affected (0.08 sec)

mysql> select \* from customersw;

ERROR 1146 (42S02): Table 'uni.customersw' doesn't exist

mysql> select \* from customers;

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

| cid | cname | address |

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

| C1 | Easter | London |

| C2 | James | Pairs |

| C3 | John | London |

| C4 | Nigel | Rome |

| C5 | Smith | Athens |

| C6 | Rose | London |

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

6 rows in set (0.00 sec)

mysql> insert into product values('P6','Jess',17,234,'Red');

Query OK, 1 row affected (0.21 sec)

mysql> selectr \* from product;

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 'selectr \* from product' at line 1

mysql>

mysql> select \* from product;

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

| pid | pname | weight | price | color |

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

| P1 | Bolt | 12 | 200 | Red |

| P2 | Nut | 17 | 130 | Green |

| P3 | Cam | 12 | 300 | Blue |

| P4 | Cog | 19 | 90 | Red |

| P5 | Screw | 15 | 85 | Blue |

| P6 | Jess | 17 | 234 | Red |

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

6 rows in set (0.00 sec)

mysql> create table order (oid varchar(10) primary key,cid varchar(10) foregin key,pid varchar(10) foregin key,qty numeric);

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 'order (oid varchar(10) primary key,cid varchar(10) foregin key,pid varchar(10) f' at line 1

mysql> create table order (oid varchar(10) primary key,cid varchar(10) foregin y,pid varchar(10) foregin key,qty numeric););

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 'order (oid varchar(10) primary key,cid varchar(10) foregin y,pid varchar(10) for' at line 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 ')' at line 1

mysql> create table order (oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid), foregin key(cid) references customers(cid), FOREGIN KEY(pid) references product(pid);

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 'order (oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid' at line 1

mysql> create table order (oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid), forign key(cid) references customers(cid), foreign key(pid) references product(pid);

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 'order (oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid' at line 1

mysql> create table order (oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid), foreign key(cid) references customers(cid), foreign key(pid) references product(pid);

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 'order (oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid' at line 1

mysql> create table orders (oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid), foreign key(cid) references customers(cid), foreign key(pid) references product(pid);

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> create table orders(oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid), foreign key(cid) references customers(cid), foreign key(pid) references product(pid);

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> create table orders(oid varchar(10),cid varchar(10),pid varchar(10),qty int , primary key(oid), foreign key(cid) references customers(cid), foreign key(pid) references product(pid));

Query OK, 0 rows affected (0.42 sec)

mysql> select\*from orders;

Empty set (0.00 sec)

mysql> insert into orders values('O1','C2','P1',100),('O2','C1','P1',100),('O3','C3','P2',300),('O4','C6','P3',200),('O5','C2','P2',700),('O6','C4','P6',900);

Query OK, 6 rows affected (0.03 sec)

Records: 6 Duplicates: 0 Warnings: 0

mysql> select \* from orders;

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

| oid | cid | pid | qty |

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

| O1 | C2 | P1 | 100 |

| O2 | C1 | P1 | 100 |

| O3 | C3 | P2 | 300 |

| O4 | C6 | P3 | 200 |

| O5 | C2 | P2 | 700 |

| O6 | C4 | P6 | 900 |

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

6 rows in set (0.00 sec)

mysql> select c.cname from customers as c,orders as o where c.cid=o.cid and o.pid='P6';

+-------+

| cname |

+-------+

| Nigel |

+-------+

1 row in set (0.00 sec)

mysql> select p.pname,o.qty from product as p,orders as o,customers as c where p.pid=o.pid and o.cid=c.cid and c.address ='London';

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

| pname | qty |

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

| Bolt | 100 |

| Nut | 300 |

| Cam | 200 |

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

3 rows in set (0.00 sec)

mysql>