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

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

Your MySQL connection id is 8

Server version: 8.0.19 MySQL Community Server - GPL

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owners.

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

mysql> create database xiaodi;

Query OK, 1 row affected (0.01 sec)

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| runoob |

| student |

| sys |

| xiaodi |

| yd |

| yindi |

| yy |

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

10 rows in set (0.02 sec)

mysql> show grants;

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

| Grants for root@localhost |

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

| GRANT SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, RELOAD, SHUTDOWN, PROCESS, FILE, REFERENCES, INDEX, ALTER, SHOW DATABASES, SUPER, CREATE TEMPORARY TABLES, LOCK TABLES, EXECUTE, REPLICATION SLAVE, REPLICATION CLIENT, CREATE VIEW, SHOW VIEW, CREATE ROUTINE, ALTER ROUTINE, CREATE USER, EVENT, TRIGGER, CREATE TABLESPACE, CREATE ROLE, DROP ROLE ON \*.\* TO `root`@`localhost` WITH GRANT OPTION |

| GRANT APPLICATION\_PASSWORD\_ADMIN,AUDIT\_ADMIN,BACKUP\_ADMIN,BINLOG\_ADMIN,BINLOG\_ENCRYPTION\_ADMIN,CLONE\_ADMIN,CONNECTION\_ADMIN,ENCRYPTION\_KEY\_ADMIN,GROUP\_REPLICATION\_ADMIN,INNODB\_REDO\_LOG\_ARCHIVE,PERSIST\_RO\_VARIABLES\_ADMIN,REPLICATION\_APPLIER,REPLICATION\_SLAVE\_ADMIN,RESOURCE\_GROUP\_ADMIN,RESOURCE\_GROUP\_USER,ROLE\_ADMIN,SERVICE\_CONNECTION\_ADMIN,SESSION\_VARIABLES\_ADMIN,SET\_USER\_ID,SYSTEM\_USER,SYSTEM\_VARIABLES\_ADMIN,TABLE\_ENCRYPTION\_ADMIN,XA\_RECOVER\_ADMIN ON \*.\* TO `root`@`localhost` WITH GRANT OPTION |

| GRANT PROXY ON ''@'' TO 'root'@'localhost' WITH GRANT OPTION |

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

3 rows in set (0.01 sec)

mysql> use xiaodi;

Database changed

mysql> select now();

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

| now() |

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

| 2020-01-22 10:14:23 |

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

1 row in set (0.00 sec)

mysql> select version();

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

| version() |

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

| 8.0.19 |

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

1 row in set (0.01 sec)

mysql> select database();

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

| database() |

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

| xiaodi |

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

1 row in set (0.00 sec)

mysql> show tables;

Empty set (0.02 sec)

mysql> create table MYYD

-> FJKSKNVSJVXJ;

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 'FJKSKNVSJVXJ' at line 2

mysql> create table Student(

-> sno CHAR

-> SNOGJGJJJG;

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 'SNOGJGJJJG' at line 3

mysql> create table Student(

-> sno CHAR(9) PRIMARY KEY,

-> Sname CHAR(20) UNIQUE,

-> Ssex CHAR(2),

-> Sage SMALLINT,

-> Sdept CHAR(20)

-> );

Query OK, 0 rows affected (0.04 sec)

mysql> CREATE TABLE Course(

-> Cno CHAR(4) PRIMARY KEY,

-> Cname CHAR(40) NOT NULL,

-> Cpno CHAR(4),

-> Ccredit SMALLINT,

-> FOREIGN KEY(Cpno) REFERENCES cOURSE(Cno)

-> );

Query OK, 0 rows affected (0.06 sec)

mysql> create table SC (

-> Sno CHAR(9),

-> Cno CHAR (4),

-> Grade SMALLINT,

-> PRIMARY KEY(Sno,Cno),

-> FOREIGN KEY (Sno) REFERENCES Student(Sno），

-> FOREIGN KEY (Cno) REFERENCES Course(Cno)

-> );

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 'FOREIGN KEY (Cno) REFERENCES Course(Cno)

)' at line 7

mysql> create table SC (

-> Sno CHAR(9),

-> Cno CHAR (4),

-> Grade SMALLINT,

-> FOREIGN KEY (Sno) REFERENCES Student(Sno）,

-> FOREIGN KEY (Cno) REFERENCES Course(Cno));

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 'FOREIGN KEY (Cno) REFERENCES Course(Cno))' at line 6

mysql> create unique index Stusno on Student(Sno);

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> create unique index Coucno on Course(Cno);

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> show tables;

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

| Tables\_in\_xiaodi |

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

| course |

| student |

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

2 rows in set (0.00 sec)

mysql> insert into Student

-> (Sno,Sname,Ssex,Sage,Sdept)

-> values

-> ("201215121","李勇","男","20","CS");

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student

-> (Sno,Sname,Ssex,Sage,Sdept)

-> values

-> ("201215122","刘晨","女","19","CS");

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student

-> (Sno,Sname,Ssex,Sage,Sdept)

-> values

-> ("201215123","王敏","女","18","MA");

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student

-> (Sno,Sname,Ssex,Sage,Sdept)

-> values

-> ("201215125","张立","男","19","IS");

Query OK, 1 row affected (0.01 sec)

mysql> insert into Course

-> (Cno,Cname,Cpno,Ccredit)

-> values

-> ("1","数据库","5","4");

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`xiaodi`.`course`, CONSTRAINT `course\_ibfk\_1` FOREIGN KEY (`Cpno`) REFERENCES `course` (`Cno`))

mysql> show create table Course;

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

| Table | Create Table |

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

| Course | CREATE TABLE `course` (

`Cno` char(4) NOT NULL,

`Cname` char(40) NOT NULL,

`Cpno` char(4) DEFAULT NULL,

`Ccredit` smallint DEFAULT NULL,

PRIMARY KEY (`Cno`),

UNIQUE KEY `Coucno` (`Cno`),

KEY `Cpno` (`Cpno`),

CONSTRAINT `course\_ibfk\_1` FOREIGN KEY (`Cpno`) REFERENCES `course` (`Cno`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci |

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

1 row in set (0.00 sec)

mysql> SET GLOBAL SQL\_SLAVE\_SKIP\_COUNTER = 1;

Query OK, 0 rows affected (0.00 sec)

mysql> start slave;

ERROR 1200 (HY000): The server is not configured as slave; fix in config file or with CHANGE MASTER TO

mysql> select \* from Course where Course=5;

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

mysql> alter table Student ADD S\_entrance date;

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select Sno, Sname

-> from Student;

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

| Sno | Sname |

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

| 201215122 | 刘晨 |

| 201215125 | 张立 |

| 201215121 | 李勇 |

| 201215123 | 王敏 |

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

4 rows in set (0.00 sec)

mysql> select Sname, Sno, Sdept

-> from Student;

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

| Sname | Sno | Sdept |

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

| 李勇 | 201215121 | CS |

| 刘晨 | 201215122 | CS |

| 王敏 | 201215123 | MA |

| 张立 | 201215125 | IS |

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

4 rows in set (0.00 sec)

mysql> select Sname,2014-Sage

-> from Student;

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

| Sname | 2014-Sage |

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

| 李勇 | 1994 |

| 刘晨 | 1995 |

| 王敏 | 1996 |

| 张立 | 1995 |

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

4 rows in set (0.00 sec)

mysql> select Sname,'Year of Birth:',2014-Sage,LOWER(Sdept)

-> from Student;

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

| Sname | Year of Birth: | 2014-Sage | LOWER(Sdept) |

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

| 李勇 | Year of Birth: | 1994 | cs |

| 刘晨 | Year of Birth: | 1995 | cs |

| 王敏 | Year of Birth: | 1996 | ma |

| 张立 | Year of Birth: | 1995 | is |

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

4 rows in set (0.01 sec)

mysql> select Sname NAME,'Year of Birth:'BIRTH,2014-Sage BIRTHDAY,

-> LOWER(Sdept)DEPARTMENT

-> FROM Student;

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

| NAME | BIRTH | BIRTHDAY | DEPARTMENT |

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

| 李勇 | Year of Birth: | 1994 | cs |

| 刘晨 | Year of Birth: | 1995 | cs |

| 王敏 | Year of Birth: | 1996 | ma |

| 张立 | Year of Birth: | 1995 | is |

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

4 rows in set (0.00 sec)

mysql> select Sname,Sage

-> from Student

-> where Sage<20;

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

| Sname | Sage |

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

| 刘晨 | 19 |

| 王敏 | 18 |

| 张立 | 19 |

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

3 rows in set (0.00 sec)

mysql> select Sname,Sdept.Sage

-> from Student

-> where Sage BETWEEN 20 AND 23;

ERROR 1054 (42S22): Unknown column 'Sdept.Sage' in 'field list'

mysql> SELECT\*

-> FROM Student

-> WHERE Sno LIKE'20125121';

Empty set (0.00 sec)

mysql> SELECT COUNT(\*)

-> FROM Student;

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

| COUNT(\*) |

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

| 4 |

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

1 row in set (0.00 sec)

mysql> select Sno,Sname,Sdept

-> from Student

-> where Sdept='CS';

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

| Sno | Sname | Sdept |

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

| 201215121 | 李勇 | CS |

| 201215122 | 刘晨 | CS |

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

2 rows in set (0.00 sec)

mysql> select Sno,Sname,Sdept

-> from Student

-> where Sdept IN

-> (select Sdept

-> from Student

-> where Sname='刘晨');

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

| Sno | Sname | Sdept |

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

| 201215121 | 李勇 | CS |

| 201215122 | 刘晨 | CS |

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

2 rows in set (0.00 sec)

mysql> select Sname,Sage

-> from Student

-> where Sage<ANY(SELECT sAGE

-> FROM Student

-> sdddghg;

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 5

mysql> select\*

-> from Student

-> where Sdept='CS'

-> except

-> select\*

-> from Student

-> where Sage<=19;

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 'except

select\*

from Student

where Sage<=19' at line 4

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| runoob |

| student |

| sys |

| xiaodi |

| yd |

| yindi |

| yy |

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

10 rows in set (0.00 sec)

mysql> use Student;

Database changed

mysql> show tables;

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

| Tables\_in\_student |

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

| class |

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

1 row in set (0.00 sec)

mysql> select\*from Student;

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

mysql> select \*from stu\_score;

ERROR 1146 (42S02): Table 'student.stu\_score' doesn't exist

mysql> show status like 'Handler\_read%';

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

| Variable\_name | Value |

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

| Handler\_read\_first | 15 |

| Handler\_read\_key | 375 |

| Handler\_read\_last | 0 |

| Handler\_read\_next | 293 |

| Handler\_read\_prev | 0 |

| Handler\_read\_rnd | 0 |

| Handler\_read\_rnd\_next | 57 |

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

7 rows in set (0.01 sec)