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 jing;

Query OK, 1 row affected (0.02 sec)

mysql> show databases;

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

| Database |

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

| information\_schema |

| jing |

| mysql |

| performance\_schema |

| runoob |

| student |

| sys |

| xiaodi |

| yd |

| yindi |

| yy |

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

11 rows in set (0.03 sec)

mysql> use jing;

Database changed

mysql> select now();

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

| now() |

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

| 2020-01-23 14:57:17 |

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

1 row in set (0.01 sec)

mysql> select database();

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

| database() |

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

| jing |

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

1 row in set (0.00 sec)

mysql> show tables;

Empty set (0.01 sec)

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 (0.05 sec)

mysql> create database jing; show databases;

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 |

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1 row in set (0.00 sec)

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

Query OK, 0 rows affected (0.00 sec)