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

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

Your MySQL connection id is 8

Server version: 8.0.30 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 school;

Query OK, 1 row affected (0.01 sec)

mysql> use school;

Database changed

mysql> create table dept(deptno int(3) primary key);

Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> desc dept;

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

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

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

| deptno | int | NO | PRI | NULL | |

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

1 row in set (0.03 sec)

mysql> create table Emp(EmpNo int(5),EName varchar(15),Job char(10),DeptNo int(3) constraint foreign key FKey2 references dept(deptno));

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 FKey2 references dept(deptno))' at line 1

mysql> create table Emp(EmpNo int(5),EName varchar(15),Job char(10),DeptNo int(3) constraint FKey2 references dept(deptno));

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 'references dept(deptno))' at line 1

mysql> create table Emp(EmpNo int(5),EName varchar(15),Job char(10),DeptNo int(3) constraint FKey2 foreign key references dept(deptno));

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 references dept(deptno))' at line 1

mysql> create table Emp(EmpNo int(5),EName varchar(15),Job char(10),DeptNo int(3) constraint FKey2 foreign key(deptno) references dept(deptno));

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(deptno) references dept(deptno))' at line 1

mysql> create table Emp(EmpNo int(5),EName varchar(15),Job char(10),DeptNo int(3) foreign key(deptno) references dept(deptno));

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(deptno) references dept(deptno))' at line 1

mysql> create table Emp(EmpNo int(5),EName varchar(15),Job char(10),DeptNo int(3),foreign key(deptno) references dept(deptno));

Query OK, 0 rows affected, 2 warnings (0.02 sec)

mysql> desc Emp;

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

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

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

| EmpNo | int | YES | | NULL | |

| EName | varchar(15) | YES | | NULL | |

| Job | char(10) | YES | | NULL | |

| DeptNo | int | YES | MUL | NULL | |

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

4 rows in set (0.00 sec)

mysql> create table student(regno int(6) check(length(regno<=4)),mark int(3) check(mark>=0 and mark<=100));

ERROR 3812 (HY000): An expression of non-boolean type specified to a check constraint 'student\_chk\_1'.

mysql>

mysql> create table student(regno int(6),mark int(3) check(mark>=0 and mark<=100));

Query OK, 0 rows affected, 2 warnings (0.01 sec)

mysql> desc student;

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

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

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

| regno | int | YES | | NULL | |

| mark | int | YES | | NULL | |

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

2 rows in set (0.00 sec)

mysql> alter table student add constrain check(length(regno<=4));

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 'check(length(regno<=4))' at line 1

mysql> alter table student add check(length(regno<=4));

ERROR 3812 (HY000): An expression of non-boolean type specified to a check constraint 'student\_chk\_2'.

mysql> alter table student add check(length(regno <=4));

ERROR 3812 (HY000): An expression of non-boolean type specified to a check constraint 'student\_chk\_2'.

mysql> alter table student add check (length (regno <=4));

ERROR 3812 (HY000): An expression of non-boolean type specified to a check constraint 'student\_chk\_2'.

mysql> alter table student add check (length(regno<=4));

ERROR 3812 (HY000): An expression of non-boolean type specified to a check constraint 'student\_chk\_2'.

mysql> alter table student add check(length(regno<=4));

ERROR 3812 (HY000): An expression of non-boolean type specified to a check constraint 'student\_chk\_2'.

mysql> alter table student add check(length(regno<=4));

ERROR 3812 (HY000): An expression of non-boolean type specified to a check constraint 'student\_chk\_2'.

mysql> select \* from student;

Empty set (0.00 sec)

mysql> alter table student add check(length(regno<=4));

ERROR 3812 (HY000): An expression of non-boolean type specified to a check constraint 'student\_chk\_2'.

mysql> alter table student add check length(regno<=4);

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 'length(regno<=4)' at line 1

mysql> alter table student add check length(regno)<=4));

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 'length(regno)<=4))' at line 1

mysql> alter table student add check(length(regno)<=4));

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> alter table student add check(length(regno)<=4);

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> create table cust(custid int(6) not null,name varchar(10));

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> alter table cust modify column name varchar(10);

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc cust;

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

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

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

| custid | int | NO | | NULL | |

| name | varchar(10) | YES | | NULL | |

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

2 rows in set (0.00 sec)

mysql> create table cust(custid int(6) unique,name varchar(10));

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

mysql> create table cost(custid int(6) unique,name varchar(10));

Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> alter table cost add unique(custid);

Query OK, 0 rows affected, 1 warning (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> desc cost;

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

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

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

| custid | int | YES | UNI | NULL | |

| name | varchar(10) | YES | | NULL | |

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

2 rows in set (0.00 sec)

mysql> create table stud(regno int(6) primary key,name varchar(20));

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> desc stud;

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

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

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

| regno | int | NO | PRI | NULL | |

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

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

2 rows in set (0.00 sec)

mysql>