

```

MySQL 8.0 Command Line Client - Unicode
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 19
Server version: 8.0.30 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 bh;
Query OK, 1 row affected (0.01 sec)

mysql> create table bh.emp(
-> mysql> create table bh.emp(empno int(6),ename varchar(20) not null,job varchar(10) not null,deptno int(3),sal float(7,2));
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
r '> create table bh.emp(empno int(6),ename varchar(20) not null,job varchar(10) not null,deptno int(3),sal float(7,2));' at line 2
mysql> create table bh.emp(empno int(6),ename varchar(20) not null,job varchar(10) not null,deptno int(3),sal float(7,2));
Query OK, 0 rows affected, 3 warnings (0.02 sec)

mysql> describe bh.emp;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| empno | int | YES | | NULL | |
| ename | varchar(20) | NO | | NULL | |
| job | varchar(10) | NO | | NULL | |
| deptno | int | YES | | NULL | |
| sal | float(7,2) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> alter table bh.emp add experience int(10);
Query OK, 0 rows affected, 1 warning (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> describe bh.emp;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| empno | int | YES | | NULL | |
| ename | varchar(20) | NO | | NULL | |
| job | varchar(10) | NO | | NULL | |
| deptno | int | YES | | NULL | |
| sal | float(7,2) | YES | | NULL | |
| experience | int | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> create table bh.dept(dept int(2),dname varchar(20),loc varchar(10),constraint bh.emp primary key(dept
-> 00
-> \c
mysql> create table bh.dept(dept int(2),dname varchar(20),loc varchar(10),constraint bh.dept primary key(dept));
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
r '.dept primary key(dept))' at line 1
mysql> create table bh.dept(dept int(2),dname varchar(20),loc varchar(10),constraint bh.dept primary key(dept));
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
r '.dept primary key(dept))' at line 1
mysql> create table bh.dept(dept int(2),dname varchar(20),loc varchar(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> describe bh.dept;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| dept | int | YES | | NULL | |
| dname | varchar(20) | YES | | NULL | |
| loc | varchar(10) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

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r 'dept primary key(dept))' at line 1
mysql> create table bh.dept(dept int(2),dname varchar(20),loc varchar(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> describe bh.dept;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| dept  | int           | YES  |     | NULL    |       |
| dname | varchar(20)   | YES  |     | NULL    |       |
| loc   | varchar(10)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> constraint bh.dept primary key(dept);
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 'constraint bh.dept primary key(dept))' at line 1
mysql> constraint bh.dept primary key(dept);
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 'constraint bh.dept primary key(dept))' at line 1
mysql> create table bh.dept(dept int(2) primary key,dname varchar(20),loc varchar(10));
ERROR 1050 (42S01): Table 'dept' already exists
mysql> \c
mysql> create table bh.dept(dept int(2) primary key,dname varchar(20),loc varchar(10));
ERROR 1050 (42S01): Table 'dept' already exists
mysql> create table bh.dep(dept int(2) primary key,dname varchar(20),loc varchar(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> describe bh.dep;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| dept  | int           | NO   | PRI | NULL    |       |
| dname | varchar(20)   | YES  |     | NULL    |       |
| loc   | varchar(10)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> create table bh.emp1(ename varchar(20),empno int(6) constraint check(empno>100));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> describe bh.emp1;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ename | varchar(20)   | YES  |     | NULL    |       |
| empno | int           | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> create table bh.emp2(ename varchar(20),empno int(6) check(empno>100));
Query OK, 0 rows affected, 1 warning (0.02 sec)

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mysql> create table bh.dep(dept int(2) primary key,dname varchar(20),loc varchar(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)
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```
mysql> describe bh.dep;
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| Field | Type        | Null | Key | Default | Extra |
|-------|-------------|------|-----|---------|-------|
| dept  | int         | NO   | PRI | NULL    |       |
| dname | varchar(20) | YES  |     | NULL    |       |
| loc   | varchar(10) | YES  |     | NULL    |       |

3 rows in set (0.00 sec)

```
mysql> create table bh.emp1(ename varchar(20),empno int(6) constraint check(empno>100));
Query OK, 0 rows affected, 1 warning (0.02 sec)
```

```
mysql> describe bh.emp1;
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| Field | Type        | Null | Key | Default | Extra |
|-------|-------------|------|-----|---------|-------|
| ename | varchar(20) | YES  |     | NULL    |       |
| empno | int         | YES  |     | NULL    |       |

2 rows in set (0.00 sec)

```
mysql> create table bh.emp2(ename varchar(20),empno int(6) check(empno>100));
Query OK, 0 rows affected, 1 warning (0.02 sec)
```

```
mysql> describe bh.emp2;
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| Field | Type        | Null | Key | Default | Extra |
|-------|-------------|------|-----|---------|-------|
| ename | varchar(20) | YES  |     | NULL    |       |
| empno | int         | YES  |     | NULL    |       |

2 rows in set (0.00 sec)

```
mysql> create table bh.emp3(empno int(5),ename varchar(20),job varchar(10) unique,deptno int(3) foreign key);
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 'un unique,deptno int(3) foreign key)' at line 1
mysql> create table bh.emp3(empno int(5),ename varchar(20),job varchar(10) constraint un unique,deptno int(3) constraint foreign key);
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 'unique,deptno int(3) constraint foreign key)' at line 1
mysql> create table bh.emp3(empno int(5),ename varchar(20),job varchar(10) unique,deptno int(3) foreign key);
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)' at line 1
mysql> create table bh.emp3(empno int(5),ename varchar(20),job varchar(10) unique,deptno int(3) constraint foreign key);
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))' at line 1
mysql> create table bh.emp3(empno int(5),ename varchar(20),job varchar(10) unique,deptno int(3),constraint foreign key.emp3(empno) references dep(dept))
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r key.emp3(empno) references dep(dept)) at line 1
mysql> create table bh.emp3(empno int(5),ename varchar(20),job varchar(10) unique,deptno int(3),constraint foreign key emp3(empno) references dep(dept
));
Query OK, 0 rows affected, 2 warnings (0.04 sec)

mysql> describe bh.emp3;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| empno | int | YES | MUL | NULL | |
| ename | varchar(20) | YES | | NULL | |
| job | varchar(10) | YES | UNI | NULL | |
| deptno | int | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> create table bh.cust with fields(cust int(6) not null,name 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 nea
r 'int(6) not null,name varchar(10))' at line 1
mysql> create table bh.cust with fields(cust int(6)not null,name 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 nea
r 'int(6)not null,name varchar(10))' at line 1
mysql> create table bh.cust(cust int(6) not null,name varchar(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> describe bh.cust;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| cust | int | NO | | NULL | |
| name | varchar(10) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> alter table modify name varchar(10) not null;
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 nea
r 'name varchar(10) not null' at line 1
mysql> alter table bh.cust modify name varchar(10) not null;
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe bh.cust;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| cust | int | NO | | NULL | |
| name | varchar(10) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> create table bh.cust1(custid int(6) unique,name varchar(10));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> describe bh.cust1

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Select MySQL 8.0 Command Line Client - Unicode
2 rows in set (0.00 sec)

mysql> create table bh.cust1(custid int(6) unique,name varchar(10));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> describe bh.cust1;
-> \c
mysql> describe bh.cust1;
+-----+-----+-----+-----+-----+-----+
| 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 bh.stud(regno int(6) primary key,name varchar(20));
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 '(6) primary key,name varchar(20))' at line 1
mysql> create table bh.stud(regno int(6) primary key,name varchar(20));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> describe bh.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> _
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