

```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 22
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 db1
-> create table employee (emp num,integer(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 'create table employee (emp num,integer(10))' at line 2
mysql> show table
->
-> show tables;
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 tables' at line 3
mysql> show table;
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 database db1;
ERROR 1007 (HY000): Can't create database 'db1'; database exists
mysql> show databases;
+-----+
| Database |
+-----+
| db1      |
| information_schema |
| mysql    |
| performance_schema |
| sakila   |
| sys      |
| world    |
+-----+
7 rows in set (0.00 sec)

mysql> create table db1.employee(empno int(4), ename char(10), deptno int(3));
Query OK, 0 rows affected, 2 warnings (0.02 sec)

mysql> desc db1.employee;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| empno | int  | YES  |     | NULL    |       |
| ename | char(10) | YES  |     | NULL    |       |
| deptno | int  | YES  |     | NULL    |       |
+-----+
3 rows in set (0.01 sec)
```

```
create data> desc db1.emp> desc db' at line 1
mysql> alter table db1.employee add sal float(7,2);
Query OK, 0 rows affected, 1 warning (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> desc db1.3employee;
ERROR 1146 (42S02): Table 'db1.3employee' doesn't exist
mysql> desc db1.employee;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| empno | int           | YES  |     | NULL    |       |
| ename | char(10)      | YES  |     | NULL    |       |
| deptno | int          | YES  |     | NULL    |       |
| sal   | float(7,2)    | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> ALTER TABLE user2 DROP COLUMN SAL;
ERROR 1046 (3D000): No database selected
mysql> ALTER TABLE user2 DROP COLUMN sal;
ERROR 1046 (3D000): No database selected
mysql> desc users2;
ERROR 1046 (3D000): No database selected
mysql>
```



```
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mysql> create database db1;
ERROR 1007 (HY000): Can't create database 'db1'; database exists
mysql> show databases;
+-----+
| Database |
+-----+
| db1      |
| information_schema |
| mysql    |
| performance_schema |
| sakila   |
| sys      |
| world    |
+-----+
7 rows in set (0.00 sec)

mysql> create table db1.employee(empno int(4), ename char(10), deptno int(3));
Query OK, 0 rows affected, 2 warnings (0.02 sec)

mysql> desc db1.employee;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| empno | int  | YES  |     | NULL    |       |
| ename | char(10) | YES  |     | NULL    |       |
| deptno | int  | YES  |     | NULL    |       |
+-----+
3 rows in set (0.01 sec)
```

Select MySQL 8.0 Command Line Client

```
create data> desc db1.emp> desc db' at line 1
mysql> alter table db1.employee add sal float(7,2);
Query OK, 0 rows affected, 1 warning (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 1
```

```
mysql> desc db1.3employee;
ERROR 1146 (42S02): Table 'db1.3employee' doesn't exist
mysql> desc db1.employee;
```

Field	Type	Null	Key	Default	Extra
empno	int	YES		NULL	
ename	char(10)	YES		NULL	
deptno	int	YES		NULL	
sal	float(7,2)	YES		NULL	

4 rows in set (0.00 sec)

```
mysql> ALTER TABLE user2 DROP COLUMN SAL;
ERROR 1046 (3D000): No database selected
```

```
mysql> ALTER TABLE user2 DROP COLUMN sal;
ERROR 1046 (3D000): No database selected
```

```
mysql> desc users2;
ERROR 1046 (3D000): No database selected
```

```
mysql> alter table db1.employee drop column sal;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc db1.employee;
```

Field	Type	Null	Key	Default	Extra
empno	int	YES		NULL	
ename	char(10)	YES		NULL	
deptno	int	YES		NULL	

3 rows in set (0.00 sec)

```
mysql> alter table db1.employee modify ename varchar2(15);
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 'varchar2(15)' at line 1
```

```
mysql> alter table db1.employee modify ename varchar(15);
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc db1.employee;
```

Field	Type	Null	Key	Default	Extra
empno	int	YES		NULL	

Select MySQL 8.0 Command Line Client

3 rows in set (0.00 sec)

mysql> alter table db1.employee modify ename varchar2(15);

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 'varchar2(15)' at line 1

mysql> alter table db1.employee modify ename varchar(15);

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc db1.employee;

Field	Type	Null	Key	Default	Extra
empno	int	YES		NULL	
ename	varchar(15)	YES		NULL	
deptno	int	YES		NULL	

3 rows in set (0.00 sec)

mysql> truncate table db1.employee;

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 'truncate table db1.employee' at line 1

mysql> truncate table db1.employee;

Query OK, 0 rows affected (0.02 sec)

mysql> desc db1.employee;

Field	Type	Null	Key	Default	Extra
empno	int	YES		NULL	
ename	varchar(15)	YES		NULL	
deptno	int	YES		NULL	

3 rows in set (0.00 sec)

mysql> drop table db1.employee;

Query OK, 0 rows affected (0.02 sec)

mysql> desc db1.employee;

ERROR 1146 (42S02): Table 'db1.employee' doesn't exist

mysql> +