```
MySQL 8.0 Command Line Client
                                                                                                                                                                                          Enter password: **********
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 52
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 db3;
Query OK, 1 row affected (0.01 sec)
mysql> create table faculty(facno int(10),facname varchar(6),gender varchar(8),dob date,doj date,mobno int(10));
ERROR 1046 (3D000): No database selected
mysql> create table db3.faculty(facno int(10),facname varchar(6),gender varchar(8),dob date,doj date,mobno int(10));
Query OK, 0 rows affected, 2 warnings (0.02 sec)
mysql> desc db3.faculty;
Field Type
                    | Null | Key | Default | Extra |
 facno
                      YES
                                  NULL
          int
 facname
         varchar(6) YES
                                  NULL
 gender
          varchar(8) YES
                                  NULL
dob
          date
                      YES
                                  NULL
                      YES
                                  NULL
 doj
          date
 mobno
         int
                      YES
                                  NULL
6 rows in set (0.00 sec)
mysql> alter table db3.faculty add sal float(7,2);
Query OK, 0 rows affected, 1 warning (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 1
mysql> desc db3.faculty;
Field
        Type
                    | Null | Key | Default | Extra |
 facno
          int
                                  NULL
         varchar(6) | YES
 facname
                                  NULL
 gender
          varchar(8)
                      YES
                                  NULL
 dob
          date
                      YES
                                  NULL
 doj
          date
                      YES
                                  NULL
                                  NULL
 mobno
          int
 sal
          float(7,2) | YES
                                  NULL
  95°F
Rain off and on
                                                                                                                                                            , O 💼 📵 🔤 🧿 📙 🕺 💽 🥡 🔰 🚫 🧿 🔯
```

mysql> alter table db3.faculty drop column sal

-> alter table db3.faculty drop column sal;

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 'alter table db3.faculty drop column sal' at line 2 mysql> alter table db3.faculty drop column sal;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc db3.faculty;

Type	Null	Key	Default	Extra
int	YES		NULL	
varchar(6)	YES		NULL	
varchar(8)	YES	ĺ	NULL	
date	YES		NULL	
date	YES		NULL	
int	YES		NULL	
	int varchar(6) varchar(8) date date	int YES varchar(6) YES varchar(8) YES date YES date YES	int YES varchar(6) YES varchar(8) YES date YES date YES	int

6 rows in set (0.00 sec)

mysql> alter table db3.faculty drop column dob;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc db3.faculty;

Туре	Null	Key	Default	Extra
int varchar(6)	YES YES		NULL NULL]
varchar(8)	YES		NULL	
date int	YES		NULL NULL	
	int int varchar(6) varchar(8) date	int YES varchar(6) YES varchar(8) YES date YES	int YES varchar(6) YES varchar(8) YES date YES	int YES NULL varchar(6) YES NULL varchar(8) YES NULL date YES NULL

5 rows in set (0.00 sec)

mysql> truncate table db3.faculty;

Query OK, 0 rows affected (0.01 sec)

mysql> desc db3.faculty;

Field	Туре	Null Key	/ Default	Extra
facno	int	YES	NULL	
facname	varchar(6)	YES	NULL	
gender	varchar(8)	YES	NULL	ĺ
doj	date	YES	NULL	
mobno	int	YES	NULL	











































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MySQL 8.0 Command Line Client
                                                                                                                                                                                                 Your MySQL connection id is 53
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owners.
Type 'help:' or '\h' for help. Type '\c' to clear the current input statement.
mysql> create database db4;
Query OK, 1 row affected (0.01 sec)
mysql> create table db4.department;
ERROR 4028 (HY000): A table must have at least one visible column.
mysql> create table db4.department(deptno int(4),name char)
-> create table db4.department(deptno int(4),deptname char(15),depthead char(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 'create table db4.department(deptno int(4),deptname char(
15),depthead char(4))' at line 2
mysql> create table db4.department(deptno int(4),deptname char(15),depthead char(4))
Query OK, 0 rows affected, 1 warning (0.02 sec)
mysql> desc db4.department;
Field Type
                    | Null | Key | Default | Extra |
deptno
         int
                                  NULL
deptname | char(15) | YES
                                  NULL
depthead | char(4) | YES
                                  NULL
3 rows in set (0.00 sec)
mysql> alter table db4.department add depthod;
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 db4.department add depthod(varchar(20);
ERROR 1064 (42000): You have an error in your SOL syntax; check the manual that corresponds to your MySOL server version for the right syntax to use near '(varchar(20)' at line 1
mysql> alter table db4.department add depthod (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 '(varchar(20)' at line 1
mysql>
mysql> alter table department add depthod (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 '(varchar(20)' at line 1
mysql> alter table db4.department add depthod (varchar(20);
ERROR 1064 (42000): You have an error in your SOL syntax; check the manual that corresponds to your MySOL server version for the right syntax to use near '(varchar(20)' at line 1
mysql> alter table db4.department add depthod varchar(20);
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
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 Partly cloudy
```

MySQL 8.0 Command Line Client

mysql> desc db4.department;

Field	Type	Null	Key	Default	Extra
deptno	int	YES		NULL	
deptname	char(15)	YES	ĺ	NULL	ĺ
depthead	char(4)	YES		NULL	
depthod	varchar(20)	YES		NULL	

4 rows in set (0.00 sec)

mysql> drop table db4. department drop column depthead;

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 'drop column depthead' at line 1 mysql> drop table db4.department drop column depthead;

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 'drop column depthead' at line 1 mysql> alter table db4.department drop column depthead;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc db4.department;

tra	Default	Key	Null	Type	Field
	NULL	·	YES	int	deptno
	NULL	i	YES	char(15)	deptname
	NULL	ĺ	YES	varchar(20)	depthod
	NULL	1	YES	varchar(20)	depthod

3 rows in set (0.00 sec)

mysql> truncate table db4.department;

Query OK, 0 rows affected (0.02 sec)

mysql> desc db4.department;

Field	Type	Null	Key	Default	Extra
deptno	int	YES		NULL	
deptname	char(15)	YES		NULL	
depthod	varchar(20)	YES		NULL	

3 rows in set (0.00 sec)







































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MySQL 8.0 Command Line Client
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owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> create database db6;
ERROR 1007 (HY000): Can't create database 'db6'; database exists
mysql> create database db7;
Query OK, 1 row affected (0.00 sec)
mysql> create table db7.course(courseno int(3),coursedesc varchar(14),coursetype varchar(1),semno int(1),hallno int(4),facno int(5));
Query OK, 0 rows affected, 4 warnings (0.02 sec)
mysql> desc db.7 course;
ERROR 1049 (42000): Unknown database 'db'
mysal> desc db7.course;
Field
            Type
                          Null | Key | Default | Extra
 courseno
                                        NULL
coursedesc | varchar(14)
                          YES
                                        NULL
                                        NULL
 coursetype
             varchar(1)
 semno
             int
                           YES
                                        NULL
 hallno
             int
                                        NULL
 facno
            int
                                       NULL
6 rows in set (0.00 sec)
mysql> alter table db7.course add column sub char(6);
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> desc db7.course;
Field
                          | Null | Key | Default | Extra |
            Type
                           YES
                                        NULL
 courseno
             int
                          YES
                                        NULL
 coursedesc | varchar(14)
 coursetype
             varchar(1)
                                        NULL
                                        NULL
 semno
             int
 hallno
             int
                           YES
                                        NULL
```

Mostly cloudy

MySQL 8.0 Command Line Client

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc db7.course;

Field	Type	Null	Key	Default	Extra
courseno	int	YES		NULL	
coursedesc	varchar(14)	YES		NULL	
coursetype	varchar(1)	YES		NULL	
semno	int	YES		NULL	
hallno	int	YES		NULL	
facno	int	YES		NULL	
sub	char(6)	YES		NULL	

7 rows in set (0.00 sec)

mysql> alter table db7.course drop column facno;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc db7.course;

Field	Туре	Null Key	Default Extra
courseno	int	YES	NULL
coursedesc	varchar(14)	YES	NULL
coursetype	varchar(1)	YES	NULL
semno	int	YES	NULL
hallno	int	YES	NULL
sub	char(6)	YES	NULL

6 rows in set (0.00 sec)

mysql> drop table db7.course; Query OK, 0 rows affected (0.01 sec)

mysql> desc db7.course;

ERROR 1146 (42S02): Table 'db7.course' doesn't exist

mysql> truncate table db7.course;

ERROR 1146 (42S02): Table 'db7.course' doesn't exist













































```
Enter password: *********
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owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> create database db8;
Query OK, 1 row affected (0.01 sec)
mysql> create table db8.faculty(facno int(3),facname char(5),gender char(1),dob date,doj date,mobileno int(10));
Query OK, 0 rows affected, 2 warnings (0.01 sec)
mysql> desc db8.faculty;
-----
Field | Type | Null | Key | Default | Extra |
facno
           int
                    YES
                                 NULL
           char(5) YES
                                 NULL
facname
 gender
           char(1) YES
                                 NULL
dob
           date
                     YES
                                 NULL
 doj
           date
                                 NULL
                                 NULL
mobileno | int
                    YES
6 rows in set (0.00 sec)
mysql> enter *values of faculty;
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 'enter *values of faculty' at line 1
mysql> alter table db8.faculty add column deptno int(4);
Query OK, 0 rows affected, 1 warning (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 1
mysql> desc db8.faculty;
Field
         Type
                   | Null | Key | Default | Extra |
 facno
           int
                                 NULL
                                 NULL
 facname
           char(5) YES
           char(1)
                                 NULL
 gender
                                 NULL
 dob
           date
 doj
           date
                                 NULL
                                 NULL
 mobileno
           int
 deptno
           int
                                 NULL
```

MySQL 8.0 Command Line Client

Mostly cloudy

MySQL 8.0 Command Line Client

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

Records: 0 Duplicates: 0 Warnings: 1

mysql> desc db8.faculty;

Field	Type	Null	Key	Default	Extra
facno	int int	YES		NULL	
facname	char(5)	YES		NULL	
gender	char(1)	YES		NULL	
dob	date	YES		NULL	
doj	date	YES		NULL	
mobileno	int	YES		NULL	
deptno	int	YES		NULL	

7 rows in set (0.00 sec)

mysql> alter table db8.faculty drop column doj;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc db8.faculty;

Field	Type	Null	Key	Default	Extra
facno	int	YES		NULL	
facname	char(5)	YES		NULL	
gender	char(1)	YES		NULL	
dob	date	YES		NULL	
mobileno	int	YES		NULL	
deptno	int	YES		NULL	ĺ

6 rows in set (0.00 sec)

mysql> drop table db8.faculty; Query OK, 0 rows affected (0.01 sec)

mysql> desc db8.faculty;

ERROR 1146 (42S02): Table 'db8.faculty' doesn't exist

mysql> truncate table db8.faculty;

ERROR 1146 (42S02): Table 'db8.faculty' doesn't exist





































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MySQL 8.0 Command Line Client
                                                                                                                                                                                      Enter password: **********
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 62
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 db9;
Query OK, 1 row affected (0.01 sec)
mysql> create table db9.student(regno int(3),name char(4),gender char(1),dob date,mobileno int(10),city char(5));
Query OK, 0 rows affected, 2 warnings (0.01 sec)
mysql> desc db9.student;
Field | Type | Null | Key | Default | Extra |
regno
           int
                   YES
           char(4) YES
                               NULL
name
 gender
           char(1) YES
                                NULL
dob
           date
                                NULL
 mobileno | int
                               NULL
                               NULL
           char(5) YES
6 rows in set (0.00 sec)
mysql> alter table db9.student add column dept char(6);
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> desc db9.student;
Field
        | Type | Null | Key | Default | Extra |
 regno
           int
                   YES
                                NULL
 name
           char(4) YES
                                NULL
 gender
           char(1) YES
                                NULL
 dob
           date
                                NULL
          int
 mobileno
                                NULL
           char(5) YES
                               NULL
 city
dept
           char(6) YES
                               NULL
rows in set (0.00 sec)
                                                                                                                                                                ○ ENG (1) 10 27-09-2022 (9)
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Mostly cloudy

MySQL 8.0 Command Line Client 7 rows in set (0.00 sec) mysql> alter table db9.student drop column dob; Query OK, 0 rows affected (0.01 sec)

mysql> desc db9.student;

Records: 0 Duplicates: 0 Warnings: 0

Field	Type	Null	Key	Default	Extra
regno	int	YES		NULL	
name	char(4)	YES		NULL	
gender	char(1)	YES		NULL	
mobileno	int	YES		NULL	
city	char(5)	YES		NULL	
dept	char(6)	YES		NULL	

6 rows in set (0.00 sec)

mysql> drop db9.student;

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 'db9.student' at line 1

mysql> drop table db9.student;

Query OK, 0 rows affected (0.01 sec)

mysql> desc db9.student; ERROR 1146 (42S02): Table 'db9.student' doesn't exist

mysql> truncate table db9.student;

ERROR 1146 (42S02): Table 'db9.student' doesn't exist





































