

```
MySQL 8.0 Command Line Cli x + v

mysql> create database farmer;
Query OK, 1 row affected (0.02 sec)

mysql> use farmer;
Database changed
mysql> create table farmer;
ERROR 4028 (HY000): A table must have at least one visible column.
mysql> create table poojitha;
ERROR 4028 (HY000): A table must have at least one visible column.
mysql> create table vegetables(name char(29),price int);
Query OK, 0 rows affected (0.06 sec)

mysql> desc vegetables;
+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name  | char(29) | YES  |     | NULL    |       |
| price | int      | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> insert into vegetables values("tomota",30);
Query OK, 1 row affected (0.02 sec)

mysql> insert into vegetables values("carrot",40);
Query OK, 1 row affected (0.02 sec)

mysql> select*from vegetable;
ERROR 1146 (42S02): Table 'farmer.vegetable' doesn't exist
mysql> select*from vegetables;
+-----+-----+
| name  | price |
+-----+-----+
| tomota | 30    |
| carrot | 40    |
+-----+-----+
2 rows in set (0.00 sec)

mysql> alter table vegetables add organic char(40);
Query OK, 0 rows affected (0.03 sec)
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mysql> update vegetables set price=50 where price =30;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select*from vegetables;
+-----+-----+
| name | price | organic |
+-----+-----+
| tomota | 50 | yes |
+-----+-----+
1 row in set (0.00 sec)

mysql> insert into vegetables values("carrot",40,"no");
Query OK, 1 row affected (0.01 sec)

mysql> select*from vegetables;
+-----+-----+
| name | price | organic |
+-----+-----+
| tomota | 50 | yes |
| carrot | 40 | no |
+-----+-----+
2 rows in set (0.00 sec)

mysql> truncate table vegetables;
Query OK, 0 rows affected (0.07 sec)

mysql> select*from vegetables;
Empty set (0.00 sec)

mysql> desc vegetables;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name | char(29) | YES | | NULL | |
| price | int | YES | | NULL | |
| organic | char(40) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
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MySQL 8.0 Command Line Cli x + v
mysql> create database madhipoojiharry;
Query OK, 1 row affected (0.03 sec)

mysql> use madhipoojiharry;
Database changed
mysql> create table friends(Name char(20),Age int,Gender char(2));
Query OK, 0 rows affected (0.14 sec)

mysql> desc friends;
+-----+-----+-----+-----+-----+-----+
| Field | Type  | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Name  | char(20) | YES  |     | NULL    |       |
| Age   | int     | YES  |     | NULL    |       |
| Gender | char(2)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.06 sec)

mysql> insert into friends("Harry",60,M);
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 '"Harry",60,M)' at line 1
mysql> insert into friends("Harry",60,"M");
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 '"Harry",60,"M")' at line 1
mysql> insert into friends values("Harry",60,"M");
Query OK, 1 row affected (0.02 sec)

mysql> insert into friends values("Pooji",19,"F");
Query OK, 1 row affected (0.01 sec)

mysql> insert into friends values("Madhi",18,"F");
Query OK, 1 row affected (0.02 sec)

mysql> desc friends;
+-----+-----+-----+-----+-----+-----+
| Field | Type  | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Name  | char(20) | YES  |     | NULL    |       |
| Age   | int     | YES  |     | NULL    |       |
| Gender | char(2)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
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3 rows in set (0.00 sec)

mysql> select Address from friends;
+-----+
| Address |
+-----+
| Anantapur |
| Kdp |
| Chittoor |
+-----+
3 rows in set (0.00 sec)

mysql> select Name where Age=19 from friends;
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 'from friends' at line 1
mysql> select Name where Age=19;
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
mysql> select Name where Age=19;
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
mysql> select*from friends where Age=19;
+-----+-----+-----+-----+
| Name | Age | Gender | Address |
+-----+-----+-----+-----+
| Pooji | 19 | F | Anantapur |
| Harry | 19 | F | Chittoor |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> delete from friends where Address="Kdp";
Query OK, 1 row affected (0.02 sec)

mysql> select*from friends;
+-----+-----+-----+-----+
| Name | Age | Gender | Address |
+-----+-----+-----+-----+
| Pooji | 19 | F | Anantapur |
| Harry | 19 | F | Chittoor |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> |
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MySQL 8.0 Command Line Cli x + v
mysql> select*from friends;
+-----+-----+-----+-----+
| Name | Age | Gender | Address |
+-----+-----+-----+-----+
| Harry | 60 | M | chittoor |
| Pooji | 19 | F | Anantapur |
| Madhi | 18 | F | Kdp |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> alter table friends drop Gender char(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 'char(20)' at line 1
mysql> alter table friends drop Gender char;
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 'char' at line 1
mysql> alter table friends drop "Gender" char;
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 '"Gender" char' at line 1
mysql> alter table friends drop Gender char;
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 'char' at line 1
mysql>
mysql> alter table friends drop Gender char;
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 'char' at line 1
mysql> delete from friends where Name="Harry";
Query OK, 1 row affected (0.02 sec)

mysql> select*from friends;
+-----+-----+-----+-----+
| Name | Age | Gender | Address |
+-----+-----+-----+-----+
| Pooji | 19 | F | Anantapur |
| Madhi | 18 | F | Kdp |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> insert into friends values("Harry",19,"F","Chittoor");
Query OK, 1 row affected (0.01 sec)
```

```
MySQL 8.0 Command Line Cli x + v
mysql> desc vegetables;
+-----+-----+-----+-----+-----+-----+
| Field | Type  | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name  | char(29) | YES  |     | NULL    |       |
| price | int     | YES  |     | NULL    |       |
| organic | char(40) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select *from vegetables;
+-----+-----+-----+
| name  | price | organic |
+-----+-----+-----+
| tomota | 30    | NULL    |
| carrot | 40    | NULL    |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> update vegetables set organic =yes where price=30;
ERROR 1054 (42S22): Unknown column 'yes' in 'field list'
mysql> update vegetables set organic ="yes" where price=30;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update vegetables set organic="no" where price=40;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select *from vegetables;
+-----+-----+-----+
| name  | price | organic |
+-----+-----+-----+
| tomota | 30    | yes     |
| carrot | 40    | no      |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> alter table vegetables drop price int;
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
```