

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+-----+
| City   | varchar(15) | YES | | NULL | |
+-----+-----+-----+-----+-----+
6 rows in set (0.01 sec)

mysql> insert into student values(192121005,"Shankar","M","2003-05-10",971073855,"Chennai");
Query OK, 1 row affected (0.01 sec)

mysql> insert into student values(192121006,"Swathi","F","2003-09-27",8250693774,"Chennai");
ERROR 1264 (22003): Out of range value for column 'Mobilen0' at row 1
mysql> insert into student values(192121006,"Swathi","F","2003-09-27",825069377,"Chennai");
Query OK, 1 row affected (0.01 sec)

mysql> insert into student values(192121007,"Varshini","F","2003-04-15",742904187,"Kanchipuram");
Query OK, 1 row affected (0.02 sec)


mysql> insert into student values(192121008,"Hari","M","2004-11-01",985631066,"Chennai");
Query OK, 1 row affected (0.00 sec)

mysql> insert into student values(192121009,"Vignesh","M","2003-06-08",744590278,"Chennai");
Query OK, 1 row affected (0.01 sec)

mysql> select * from student;
+-----+-----+-----+-----+-----+-----+
| Regno | Name   | Gender | DOB       | Mobilen0 | City       |
+-----+-----+-----+-----+-----+-----+
| 192121005 | Shankar | M      | 2003-05-10 | 971073855 | Chennai   |
| 192121006 | Swathi  | F      | 2003-09-27 | 825069377 | Chennai   |
| 192121007 | Varshini | F      | 2003-04-15 | 742904187 | Kanchipuram |
| 192121008 | Hari    | M      | 2004-11-01 | 985631066 | Chennai   |
| 192121009 | Vignesh | M      | 2003-06-08 | 744590278 | Chennai   |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)

mysql>
```

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MySQL 8.0 Command Line Client

Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc faculty;

| Field | Type | Null | Key | Default | Extra |
|----------|-------------|------|-----|---------|-------|
| Facno | varchar(4) | YES | | NULL | |
| Facname | varchar(15) | YES | | NULL | |
| Gender | char(1) | YES | | NULL | |
| DOB | date | YES | | NULL | |
| DOJ | date | YES | | NULL | |
| Mobileno | int | YES | | NULL | |
| Resigned | varchar(4) | YES | | NULL | |

7 rows in set (0.00 sec)

mysql> insert into faculty values("B20","John","M","1973-08-27","2000-05-12",944536788,"No");
Query OK, 1 row affected (0.01 sec)

mysql> insert into faculty values("C16","Mary","F","1980-04-05","2005-06-18",739018329,"No");
Query OK, 1 row affected (0.00 sec)

mysql> insert into faculty values("B05","Christopher","M","1977-12-27","1999-03-17",957421085,"Yes");
Query OK, 1 row affected (0.00 sec)

mysql> insert into faculty values("E30","Yasmine","F","1986-04-07","2015-09-25",943108994,"No");
Query OK, 1 row affected (0.02 sec)

mysql> select * from faculty;

| Facno | Facname | Gender | DOB | DOJ | Mobileno | Resigned |
|-------|-------------|--------|------------|------------|-----------|----------|
| B20 | John | M | 1973-08-27 | 2000-05-12 | 944536788 | No |
| C16 | Mary | F | 1980-04-05 | 2005-06-18 | 739018329 | No |
| B05 | Christopher | M | 1977-12-27 | 1999-03-17 | 957421085 | Yes |
| E30 | Yasmine | F | 1986-04-07 | 2015-09-25 | 943108994 | No |

4 rows in set (0.00 sec)



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MySQL 8.0 Command Line Client

4 rows in set (0.00 sec)

```
mysql> create table department(Deptno varchar(4),Deptname varchar(15),Depthead varchar(4));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> desc department;
```

| Field | Type | Null | Key | Default | Extra |
|----------|-------------|------|-----|---------|-------|
| Deptno | varchar(4) | YES | | NULL | |
| Deptname | varchar(15) | YES | | NULL | |
| Depthead | varchar(4) | YES | | NULL | |

3 rows in set (0.00 sec)

```
mysql> insert into department values("01","CSE","Ab");
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into department values("02","IT","Pq");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into department values("03","EEE","Mn");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into department values("04","ECE","Xy");
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from department;
```

| Deptno | Deptname | Depthead |
|--------|----------|----------|
| 01 | CSE | Ab |
| 02 | IT | Pq |
| 03 | EEE | Mn |
| 04 | ECE | Xy |

4 rows in set (0.00 sec)

```
mysql>
```

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MySQL 8.0 Command Line Client

```
mysql> create table course(Courseno varchar(3),Coursedesc varchar(15),Coursetypr char(1),Semno char(1),Hallno varchar(4),Facno varchar(4));
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc course;
```

| Field | Type | Null | Key | Default | Extra |
|------------|-------------|------|-----|---------|-------|
| Courseno | varchar(3) | YES | | NULL | |
| Coursedesc | varchar(15) | YES | | NULL | |
| Coursetypr | char(1) | YES | | NULL | |
| Semno | char(1) | YES | | NULL | |
| Hallno | varchar(4) | YES | | NULL | |
| Facno | varchar(4) | YES | | NULL | |

```
6 rows in set (0.00 sec)
```

```
mysql> insert into course values("C05","DBMS","A",5,241,"C07");
```

```
ERROR 1406 (22001): Data too long for column 'Courseno' at row 1
```

```
mysql> insert into course values("C05","DBMS","A",5,241,"C07");
```

```
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into course values("C03","C program","B",5,503,"A15");
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into course values("C15","AI","C",3,114,"D20");
```

```
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into course values("U03","Ethics","D",4,603,"A03");
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from course;
```

| Courseno | Coursedesc | Coursetypr | Semno | Hallno | Facno |
|----------|------------|------------|-------|--------|-------|
| C05 | DBMS | A | 5 | 241 | C07 |
| C03 | C program | B | 5 | 503 | A15 |
| C15 | AI | C | 3 | 114 | D20 |
| U03 | Ethics | D | 4 | 603 | A03 |

```
4 rows in set (0.00 sec)
```



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```
mysql> insert into student values(191711342,"Ravi","M","2003-04-02",962980655,"Tanjore");
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from student;
```

| Regno | Name | Gender | DOB | Mobileno | City |
|-----------|----------|--------|------------|-----------|-------------|
| 192121005 | Shankar | M | 2003-05-10 | 971073855 | Chennai |
| 192121006 | Swathi | F | 2003-09-27 | 825060377 | Chennai |
| 192121007 | Varshini | F | 2003-04-15 | 742904187 | Kanchipuram |
| 192121008 | Hari | M | 2004-11-01 | 985631066 | Chennai |
| 192121009 | Vignesh | M | 2003-06-08 | 744590278 | Chennai |
| 191711342 | Ravi | M | 2003-04-02 | 962980655 | Tanjore |

```
6 rows in set (0.00 sec)
```

```
mysql> update student set Name="Rakesh" where Regno=191711342;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> select * from student;
```

| Regno | Name | Gender | DOB | Mobileno | City |
|-----------|----------|--------|------------|-----------|-------------|
| 192121005 | Shankar | M | 2003-05-10 | 971073855 | Chennai |
| 192121006 | Swathi | F | 2003-09-27 | 825060377 | Chennai |
| 192121007 | Varshini | F | 2003-04-15 | 742904187 | Kanchipuram |
| 192121008 | Hari | M | 2004-11-01 | 985631066 | Chennai |
| 192121009 | Vignesh | M | 2003-06-08 | 744590278 | Chennai |
| 191711342 | Rakesh | M | 2003-04-02 | 962980655 | Tanjore |

```
6 rows in set (0.00 sec)
```

```
mysql>
```

MySQL 8.0 Command Line Client

6 rows in set (0.00 sec)

mysql> select * from faculty;

| Facno | Facname | Gender | DOB | DOJ | Mobileno | Resigned |
|-------|-------------|--------|------------|------------|-----------|----------|
| B20 | John | M | 1973-08-27 | 2000-05-12 | 944536788 | No |
| C16 | Mary | F | 1980-04-05 | 2005-06-18 | 739018329 | No |
| B05 | Christopher | M | 1977-12-27 | 1999-03-17 | 957421085 | Yes |
| E30 | Yasmine | F | 1986-04-07 | 2015-09-25 | 943108994 | No |

4 rows in set (0.00 sec)

mysql> delete from faculty where Resigned="yes";

Query OK, 1 row affected (0.01 sec)

mysql> select * from faculty;

| Facno | Facname | Gender | DOB | DOJ | Mobileno | Resigned |
|-------|---------|--------|------------|------------|-----------|----------|
| B20 | John | M | 1973-08-27 | 2000-05-12 | 944536788 | No |
| C16 | Mary | F | 1980-04-05 | 2005-06-18 | 739018329 | No |
| E30 | Yasmine | F | 1986-04-07 | 2015-09-25 | 943108994 | No |

3 rows in set (0.00 sec)

mysql>

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```
MySQL 8.0 Command Line Client
3 rows in set (0.00 sec)

mysql> insert into faculty values("D11","Ram","M","1983-06-02","2013-09-23",679302756,"No");
Query OK, 1 row affected (0.01 sec)

mysql> select * from faculty;
+-----+-----+-----+-----+-----+-----+-----+
| Facno | Facname | Gender | DOB       | DOJ       | Mobileno | Resigned |
+-----+-----+-----+-----+-----+-----+-----+
| B20   | John    | M      | 1973-08-27 | 2000-05-12 | 944536788 | No       |
| C16   | Mary    | F      | 1980-04-05 | 2005-06-18 | 739018329 | No       |
| E30   | Yasmine | F      | 1986-04-07 | 2015-09-25 | 943108994 | No       |
| D11   | Ram     | M      | 1983-06-02 | 2013-09-23 | 679302756 | No       |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> update faculty set DOB="1983-05-01" where Name="Ram";
ERROR 1054 (42S22): Unknown column 'Name' in 'where clause'
mysql> update faculty set DOB="1983-05-01" where Facname="Ram";
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from faculty;
+-----+-----+-----+-----+-----+-----+-----+
| Facno | Facname | Gender | DOB       | DOJ       | Mobileno | Resigned |
+-----+-----+-----+-----+-----+-----+-----+
| B20   | John    | M      | 1973-08-27 | 2000-05-12 | 944536788 | No       |
| C16   | Mary    | F      | 1980-04-05 | 2005-06-18 | 739018329 | No       |
| E30   | Yasmine | F      | 1986-04-07 | 2015-09-25 | 943108994 | No       |
| D11   | Ram     | M      | 1983-05-01 | 2013-09-23 | 679302756 | No       |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```

MySQL 8.0 Command Line Client

```
mysql> update faculty set Age=50 where Facname="John";
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> update faculty set Age=43 where Facname="Mary";
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> update faculty set Age=37 where Facname="Yasmine";
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> update faculty set Age=40 where Facname="Ram";
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> select * from faculty;
```

| Facno | Facname | Gender | DOB | DOJ | Mobileno | Resigned | Age |
|-------|---------|--------|------------|------------|-----------|----------|-----|
| B20 | John | M | 1973-08-27 | 2000-05-12 | 944536788 | No | 50 |
| C16 | Mary | F | 1980-04-05 | 2005-06-18 | 739018329 | No | 43 |
| E30 | Yasmine | F | 1986-04-07 | 2015-09-25 | 943108994 | No | 37 |
| D11 | Ram | M | 1983-05-01 | 2013-09-23 | 679302756 | No | 40 |
| C21 | Seetha | F | 1955-07-22 | 1985-02-07 | 957783022 | No | 67 |

```
5 rows in set (0.00 sec)
```

```
mysql> delete from faculty where Age>65;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from faculty;
```

| Facno | Facname | Gender | DOB | DOJ | Mobileno | Resigned | Age |
|-------|---------|--------|------------|------------|-----------|----------|-----|
| B20 | John | M | 1973-08-27 | 2000-05-12 | 944536788 | No | 50 |
| C16 | Mary | F | 1980-04-05 | 2005-06-18 | 739018329 | No | 43 |
| E30 | Yasmine | F | 1986-04-07 | 2015-09-25 | 943108994 | No | 37 |
| D11 | Ram | M | 1983-05-01 | 2013-09-23 | 679302756 | No | 40 |

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28-01-2023

MySQL 8.0 Command Line Client

```
mysql> select * from student;
```

| Regno | Name | Gender | DOB | Mobileno | City |
|-----------|----------|--------|------------|-----------|-------------|
| 192121005 | Shankar | M | 2003-05-10 | 971073855 | Chennai |
| 192121006 | Swathi | F | 2003-09-27 | 825069377 | Chennai |
| 192121007 | Varshini | F | 2003-04-15 | 742904187 | Kanchipuram |
| 192121008 | Hari | M | 2004-11-01 | 985631066 | Chennai |
| 192121009 | Vignesh | M | 2003-06-08 | 744590278 | Chennai |
| 191711342 | Rakesh | M | 2003-04-02 | 962980655 | Tanjore |

6 rows in set (0.00 sec)

```
mysql> select * from faculty;
```

| Facno | Facname | Gender | DOB | DOJ | Mobileno | Resigned | Age |
|-------|---------|--------|------------|------------|-----------|----------|-----|
| B20 | John | M | 1973-08-27 | 2000-05-12 | 944536788 | No | 50 |
| C16 | Mary | F | 1980-04-05 | 2005-06-18 | 739018329 | No | 43 |
| E30 | Yasmine | F | 1986-04-07 | 2015-09-25 | 943108994 | No | 37 |
| D11 | Ram | M | 1983-05-01 | 2013-09-23 | 679302756 | No | 40 |

4 rows in set (0.00 sec)

```
mysql> select * from department;
```

| Deptno | Deptname | Depthead |
|--------|----------|----------|
| 01 | CSE | Ab |
| 02 | IT | Pq |
| 03 | EEE | Mn |
| 04 | ECE | Xy |

4 rows in set (0.00 sec)

```
mysql> select * from course;
```

| Courseno | Coursedes | Coursetypr | Semno | Hallno | Facno |
|----------|-----------|------------|-------|--------|-------|
| C05 | DBMS | A | 5 | 241 | C07 |

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28-01-2023

MySQL 8.0 Command Line Client

6 rows in set (0.00 sec)

mysql> select * from faculty;

| Facno | Facname | Gender | DOB | DOJ | Mobileno | Resigned | Age |
|-------|---------|--------|------------|------------|-----------|----------|-----|
| B20 | John | M | 1973-08-27 | 2000-05-12 | 944536788 | No | 50 |
| C16 | Mary | F | 1980-04-05 | 2005-06-18 | 739018329 | No | 43 |
| E30 | Yasmine | F | 1986-04-07 | 2015-09-25 | 943108994 | No | 37 |
| D11 | Ram | M | 1983-05-01 | 2013-09-23 | 679302756 | No | 40 |

4 rows in set (0.00 sec)

mysql> select * from department;

| Deptno | Deptname | Depthead |
|--------|----------|----------|
| 01 | CSE | Ab |
| 02 | IT | Pq |
| 03 | EEE | Mn |
| 04 | ECE | Xy |

4 rows in set (0.00 sec)

mysql> select * from course;

| Courseno | Coursedesc | Coursetypr | Semno | Hallno | Facno |
|----------|------------|------------|-------|--------|-------|
| C05 | DBMS | A | 5 | 241 | C07 |
| C03 | C program | B | 5 | 503 | A15 |
| C15 | AI | C | 3 | 114 | D20 |
| U03 | Ethics | D | 4 | 603 | A03 |

4 rows in set (0.00 sec)

mysql> _

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