

 SQL Plus

```
SQL> CREATE TABLE Employee
  2  (
  3      Id INT,
  4      Name CHAR(100),
  5      Salary NUMBER(8, 2)
  6  );
```

Table created.

```
SQL> INSERT INTO EMPLOYEE VALUES(1, 'Anurag', 50000);
```

1 row created.

```
SQL> UPDATE EMPLOYEE SET Name='Test1', Salary=55000 WHERE Id=3;
```

1 row updated.

```
SQL> DELETE FROM EMPLOYEE WHERE Id=5;
```

1 row deleted.

```
MySQL 8.0 Command Line Client

mysql> CREATE TABLE Persons (
  ->   ID int NOT NULL,
  ->   Name varchar(45) NOT NULL,
  ->   Age int CHECK (Age>=18)
  -> );
Query OK, 0 rows affected (0.87 sec)

mysql> INSERT INTO Persons(Id, Name, Age)
  -> VALUES (1,'Robert', 28),
  -> (2, 'Joseph', 35),
  -> (3, 'Peter', 40);
Query OK, 3 rows affected (0.30 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> INSERT INTO Persons(Id, Name, Age) VALUES (1,'Robert', 15);
ERROR 3819 (HY000): Check constraint 'persons_chk_1' is violated.
```

```
MySQL 8.0 Command Line Client

mysql> CREATE TABLE Persons (
  -> ID int NOT NULL PRIMARY KEY,
  -> Name varchar(45) NOT NULL,
  -> Age int,
  -> City varchar(25));
Query OK, 0 rows affected (0.98 sec)

mysql> INSERT INTO Persons(Id, Name, Age, City)
  -> VALUES (1,'Robert', 15, 'Florida'),
  -> (2, 'Joseph', 35, 'California'),
  -> (3, 'Peter', 40, 'Alaska');
Query OK, 3 rows affected (0.17 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> INSERT INTO Persons(Id, Name, Age, City)
  -> VALUES (1,'Stephen', 15, 'Florida');
ERROR 1062 (23000): Duplicate entry '1' for key 'persons.PRIMARY'
```

```
MySQL 8.0 Command Line Client

mysql> CREATE TABLE ShirtBrands(Id INTEGER, BrandName VARCHAR(40) UNIQUE, Size VARCHAR(30));
Query OK, 0 rows affected (0.88 sec)

mysql> INSERT INTO ShirtBrands(Id, BrandName, Size) VALUES(1, 'Pantaloons', 38), (2, 'Cantabil', 40);
Query OK, 2 rows affected (0.26 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> INSERT INTO ShirtBrands(Id, BrandName, Size) VALUES(3, 'Raymond', 38), (4, 'Cantabil', 40);
ERROR 1062 (23000): Duplicate entry 'Cantabil' for key 'shirtbrands.BrandName'
```