

```
mysql> CREATE DATABASE DBMS_Lab;  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> show databases;
```

Database
dbms_lab
information_schema
mysql
performance_schema
sakila
sys
world

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

```
mysql> use dbms_lab;
```

```
Database changed
```

```
mysql> show TABLES;
```

```
Empty set (0.01 sec)
```

```
mysql> CREATE TABLE Orders(  
-> Ord_num int,  
-> Ord_amount int,  
-> Advance_amount int,  
-> Ord_date varchar(12),  
-> Cust_code varchar(4),  
-> Agent_code varchar(5),  
-> Description varchar(20));
```

```
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> DESCRIBE Orders;
```

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------



MySQL 8.0 Command Line Client - Unicode

Query OK, 0 rows affected (0.02 sec)

```
mysql> DESCRIBE orders;
```

Field	Type	Null	Key	Default	Extra
Ord_num	int	YES		NULL	
Ord_amount	int	YES		NULL	
Advance_amount	int	YES		NULL	
Ord_date	varchar(12)	YES		NULL	
Cust_code	varchar(4)	YES		NULL	
Agent_code	varchar(5)	YES		NULL	
Description	varchar(20)	YES		NULL	

```
7 rows in set (0.01 sec)
```

```
mysql> INSERT INTO Orders VALUES
```

```
mysql> INSERT INTO STUDENTS VALUES  
-> (004, 200, 3000, '15-aug-2020', 'c004', 'Ac001', 'Masala kulcha')
```

```
-> (007, 600, 5000, '17-sept- 2020', 'c006', 'Ac003', 'Biriyani')
```

```
-> (008, 700, 100, '19-feb-2019', 'C007', 'Ac005', 'Biryani')
```

```
-> (009, 10000, 600, '21-march-2010', 'C009', 'Ac002', 'Masala dosa')
```

```
-> (010, 20, 600, '21-april- 2012', 'C006', 'Ac005', 'Chicken Tikka');
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version
syntax to use near '(007, 600, 5000, '17-sept- 2020', 'c006', 'Ac003', 'Biriyani')
```

(008, 700, 100, ' at line 3

```
mysql> INSERT INTO Orders VALUES
```

```
-> (004, 200, 3000, '15-aug-2020', 'C004', 'Ac001', 'Masala kulcha')
```

```
-> (007, 600, 5000, '17-sept- 2020', 'c006', 'Ac003', 'Biriyani')
```

```
-> (008, 700, 100, '19-feb-2019', 'C007', 'Ac005', 'Biryani')
```

```
-> (009, 10000, 600, '21-march- 2010', 'c009', 'Ac002', 'Masala dosa')
```

```
-> (010, 20, 600, '21-april- 2012', 'C006', 'Ac005', 'Chicken Tikka');
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version 5.7.26 for the correct
syntax to use near '(007, 600, 5000, '17-sept- 2020', 'c006', 'Ac003', 'Biriyani')
```

```
(008, 700, 100, '' at line 3
```

```
mysql> INSERT INTO Orders VALUES
```

```
-> (004,200,3000,'15-aug-2020','C004','Ac001','Masala kulcha')
```

```
mysql> SELECT * FROM Orders;
```

Ord_num	Ord_amount	Advance_amount	Ord_date	Cust_code	Agent_code	Description
4	200	3000	15-aug-2020	c004	Ac001	Masala kulcha
7	600	5000	17-sept-2020	c006	Ac003	Biriyani
8	700	100	19-feb-2019	c007	Ac005	Biriyani
9	10000	600	21-mar-2010	c009	Ac002	Masala dosa
10	20	600	21-apr-2012	c006	Ac005	Chicken Tikka

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

```
mysql> SELECT Description FROM Orders;
```

Description
Masala kulcha
Biriyani
Biriyani
Masala dosa
Chicken Tikka

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

```
mysql> SELECT Ord_num,Cust_code FROM Orders;
```

Ord_num	Cust_code
4	c004
7	c006
8	c007
9	c009
10	c006

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

MySQL 8.0 Command Line Client - Unicode

```
| 9 | C009 |
| 10 | C006 |
+-----+
5 rows in set (0.00 sec)
```

```
mysql> DELETE FROM Orders WHERE Ord_num=10;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM Orders;
```

```
+-----+-----+-----+-----+-----+-----+-----+
| Ord_num | Ord_amount | Advance_amount | Ord_date   | Cust_code | Agent_code | Description |
+-----+-----+-----+-----+-----+-----+-----+
| 4       | 200       | 3000          | 15-aug-2020 | c004      | Ac001     | Masala kulcha |
| 7       | 600       | 5000          | 17-sept-2020 | c006      | Ac003     | Biriyani      |
| 8       | 700       | 100           | 19-feb-2019 | c007      | Ac005     | Biriyani      |
| 9       | 10000     | 600           | 21-mar-2010 | c009      | Ac002     | Masala dosa   |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql>
```

on for the right syntax to use near '(20),' at line 4

```
mysql> CREATE TABLE Agent(  
-> Agent_code varchar(5),  
-> Agent_name varchar(20),  
-> Working_area varchar(20),  
-> Commision float,  
-> Phone_no int,  
-> Country varchar(20));
```

Query OK, 0 rows affected (0.02 sec)

```
mysql> DESCRIBE Agent;
```

Field	Type	Null	Key	Default	Extra
Agent_code	varchar(5)	YES		NULL	
Agent_name	varchar(20)	YES		NULL	
Working_area	varchar(20)	YES		NULL	
Commision	float	YES		NULL	
Phone_no	int	YES		NULL	
Country	varchar(20)	YES		NULL	

6 rows in set (0.00 sec)

```
mysql> INSERT INTO Agent VALUES
```

```
-> ('Ac001','Ramesh','Bangalore',0.15,0331234567,'India')  
-> ('Ac002','Dinesh','Bangalore',0.25,0331234568,'')  
-> ('Ac003','Suresh','Mumbai',0.35,0331234569,'London')  
-> ('Ac004','Kamlesh','New jersey',0.68,0331234564,'')  
-> ('Ac005','Kartik','Chennai',0.73,0331234563,'India');
```

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 '('Ac002','Dinesh','Bangalore',0.25,0331234568,')' ('Ac003','Suresh','Mumbai',0.3' at line 3

```
mysql> INSERT INTO Agent VALUES
```

```
-> ('Ac001','Ramesh','Bangalore',0.15,0331234567,'India'),  
-> ('Ac002','Dinesh','Bangalore',0.25,0331234568,''),  
-> ('Ac003','Suresh','Mumbai',0.35,0331234569,'London'),
```




```
MySQL 8.0 Command Line Client - Unicode
('Ac003','Suresh','Mumbai',0.3' at line 3
mysql> INSERT INTO Agent VALUES
-> ('Ac001','Ramesh','Bangalore',0.15,0331234567,'India'),
-> ('Ac002','Dinesh','Bangalore',0.25,0331234568,''),
-> ('Ac003','Suresh','Mumbai',0.35,0331234569,'London'),
-> ('Ac004','Kamlesh','New jersey',0.68,0331234564,''),
-> ('Ac005','Kartik','Chennai',0.73,0331234563,'India');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM Agent;
+-----+-----+-----+-----+-----+-----+
| Agent_code | Agent_name | Working_area | Commision | Phone_no | Country |
+-----+-----+-----+-----+-----+-----+
| Ac001      | Ramesh     | Bangalore    | 0.15      | 331234567 | India   |
| Ac002      | Dinesh     | Bangalore    | 0.25      | 331234568 |         |
| Ac003      | Suresh     | Mumbai      | 0.35      | 331234569 | London  |
| Ac004      | Kamlesh    | New jersey   | 0.68      | 331234564 |         |
| Ac005      | Kartik     | Chennai      | 0.73      | 331234563 | India   |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> SELECT Commision,Phone_no FROM Agent;
+-----+-----+
| Commision | Phone_no |
+-----+-----+
| 0.15      | 331234567 |
| 0.25      | 331234568 |
| 0.35      | 331234569 |
| 0.68      | 331234564 |
| 0.73      | 331234563 |
+-----+-----+
5 rows in set (0.00 sec)

mysql> DELETE FROM Agent WHERE Agent_name='Ramesh';
Query OK, 1 row affected (0.01 sec)
```

```
mysql> DELETE FROM Agent WHERE Agent_name='Ramesh';  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM Agent;
```

Agent_code	Agent_name	Working_area	Commision	Phone_no	Country
Ac002	Dinesh	Bangalore	0.25	331234568	London
Ac003	Suresh	Mumbai	0.35	331234569	
Ac004	Kamlesh	New jersey	0.68	331234564	India
Ac005	Kartik	Chennai	0.73	331234563	

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

```
mysql>
```