

Enter password: ****

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 8

Server version: 8.0.42 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

Database
company
grow
information_schema
mysql
performance_schema
sys

6 rows in set (0.01 sec)

mysql> create database batch18;

Query OK, 1 row affected (0.01 sec)

mysql> show databases;

Database
batch18
company
grow
information_schema
mysql
performance_schema
sys

7 rows in set (0.00 sec)

mysql> use batch18;

Database changed

mysql> show tables;

Empty set (0.01 sec)

```
mysql> create table student (sid int, name varchar(20),email varchar(20));
Query OK, 0 rows affected (0.09 sec)
```

```
mysql> show tables;
```

```
+-----+
| Tables_in_batch18 |
+-----+
| student           |
+-----+
1 row in set (0.01 sec)
```

```
mysql> describe student;
```

```
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| sid   | int       | YES  |     | NULL    |       |
| name  | varchar(20) | YES  |     | NULL    |       |
| email | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```

```
mysql> desc student;
```

```
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| sid   | int       | YES  |     | NULL    |       |
| name  | varchar(20) | YES  |     | NULL    |       |
| email | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> insert into student values(191,"Mohan Das",'mohandas@gmail.com');
Query OK, 1 row affected (0.02 sec)
```

```
mysql> select from 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 'from student' at line 1

```
mysql> select sid,name from student ;
```

```
+-----+-----+
| sid | name      |
+-----+-----+
| 191 | Mohan Das |
+-----+-----+
1 row in set (0.00 sec)
```

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

$$+ \text{---} + \text{---} + \text{---} +$$

sid	name	email
191	Mohan Das	mohandas@gmail.com

1 row in set (0.00 sec)

```
mysql> insert into student values((192,"Mohan
Das",'das@gmail.com'),(193,"karan","karan@gmail.com"));
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into student values(192,"Mohan
Das",'das@gmail.com'),(193,"karan","karan@gmail.com");
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

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

sid	name	email
191	Mohan Das	mohandas@gmail.com
192	Mohan Das	das@gmail.com
193	karan	karan@gmail.com

3 rows in set (0.00 sec)

```
mysql> select * from student where email="das@gmail.com";
```

sid	name	email
192	Mohan Das	das@gmail.com

1 row in set (0.01 sec)

```
mysql> delete from student where sid=192;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from student where email="das@gmail.com";
Empty set (0.00 sec)
```

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

sid	name	email
191	Mohan Das	mohandas@gmail.com
193	karan	karan@gmail.com

2 rows in set (0.00 sec)

```
mysql> delete from student;
```

Query OK, 2 rows affected (0.02 sec)

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

mysql> rollback;
Query OK, 0 rows affected (0.00 sec)

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

mysql> SET AUTOCOMMIT = 0;
Query OK, 0 rows affected (0.02 sec)

mysql> insert into student values(192,"Mohan
Das",'das@gmail.com'),(193,"karan","karan@gmail.com");
Query OK, 2 rows affected (0.00 sec)
Records: 2 Duplicates: 0 Warnings: 0

mysql> insert into student values(191,"Mohan Das",'mohandas@gmail.com');
Query OK, 1 row affected (0.00 sec)

mysql> select* from student;
+-----+-----+-----+
| sid | name | email |
+-----+-----+-----+
192	Mohan Das	das@gmail.com
193	karan	karan@gmail.com
191	Mohan Das	mohandas@gmail.com
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> delete from student where sid=191;
Query OK, 1 row affected (0.00 sec)

mysql> select* from student;
+-----+-----+-----+
| sid | name | email |
+-----+-----+-----+
| 192 | Mohan Das | das@gmail.com |
| 193 | karan | karan@gmail.com |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> rollback;
Query OK, 0 rows affected (0.02 sec)

mysql> select* from student;

Empty set (0.00 sec)

mysql> commit;

Query OK, 0 rows affected (0.00 sec)

mysql> insert into student values(192,"Mohan Das",'das@gmail.com'),(193,"karan","karan@gmail.com");

Query OK, 2 rows affected (0.00 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> insert into student values(191,"Mohan Das",'mohandas@gmail.com');

Query OK, 1 row affected (0.00 sec)

mysql> select * from student;

sid	name	email
192	Mohan Das	das@gmail.com
193	karan	karan@gmail.com
191	Mohan Das	mohandas@gmail.com

3 rows in set (0.00 sec)

mysql> commit;

Query OK, 0 rows affected (0.01 sec)

mysql> delete from student;

Query OK, 3 rows affected (0.00 sec)

mysql> select * from student;

Empty set (0.00 sec)

mysql> rollback;

Query OK, 0 rows affected (0.01 sec)

mysql> select * from student;

sid	name	email
192	Mohan Das	das@gmail.com
193	karan	karan@gmail.com
191	Mohan Das	mohandas@gmail.com

3 rows in set (0.00 sec)

mysql> update student set name="Don" where sid=193;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

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

```
+-----+-----+-----+
| sid | name   | email           |
+-----+-----+-----+
| 192 | Mohan Das | das@gmail.com   |
| 193 | Don      | karan@gmail.com |
| 191 | Mohan Das | mohandas@gmail.com |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> truncate table student;
```

```
Query OK, 0 rows affected (0.03 sec)
```

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

```
Empty set (0.00 sec)
```

```
mysql> drop table student;
```

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

```
mysql> show tables;
```

```
Empty set (0.00 sec)
```

```
mysql> rollback;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> show tables;
```

```
Empty set (0.00 sec)
```

```
mysql> create table student (sid int, name varchar(20),email varchar(20));
```

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

```
mysql> insert into student values(191,"Mohan Das",'mohandas@gmail.com');
```

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

```
mysql> insert into student values((192,"Mohan
Das",'das@gmail.com'),(193,"karan","karan@gmail.com"));
ERROR 1136 (21S01): Column count doesn't match value count at row 1
```

```
mysql> insert into student values(192,"Mohan
Das",'das@gmail.com'),(193,"karan","karan@gmail.com");
```

```
Query OK, 2 rows affected (0.00 sec)
```

```
Records: 2 Duplicates: 0 Warnings: 0
```

```
mysql> show tables;
```

```
+-----+
| Tables_in_batch18 |
+-----+
| student            |
+-----+
```

```
+-----+
1 row in set (0.00 sec)
```

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

```
+-----+-----+-----+
| sid | name   | email                |
+-----+-----+-----+
| 191 | Mohan Das | mohandas@gmail.com |
| 192 | Mohan Das | das@gmail.com      |
| 193 | karan    | karan@gmail.com    |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> select sum(sid) from student;
```

```
+-----+
| sum(sid) |
+-----+
|    576 |
+-----+
1 row in set (0.01 sec)
```

```
mysql> select avg(sid) from student;
```

```
+-----+
| avg(sid) |
+-----+
| 192.0000 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select count(sid) from student;
```

```
+-----+
| count(sid) |
+-----+
|          3 |
+-----+
1 row in set (0.01 sec)
```

```
mysql> select max(sid) from student;
```

```
+-----+
| max(sid) |
+-----+
|    193 |
+-----+
1 row in set (0.01 sec)
```

```
mysql> select min(sid) from student;
```

```
+-----+
| min(sid) |
```

```
+-----+  
|    191 |  
+-----+
```

1 row in set (0.00 sec)

mysql> ^A