

**Output:**

```
user@DolindraBahadurRaut:~$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.41-0ubuntu0.24.04.1 (Ubuntu)

Copyright (c) 2000, 2025, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

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

mysql> █
```

**Output:**

```
mysql> CREATE DATABASE DB;
Query OK, 1 row affected (0.02 sec)

mysql> █
```

**Output:**

```
mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| DB       |
| information_schema |
| mysql    |
| performance_schema |
| sys      |
+-----+
5 rows in set (0.10 sec)

mysql> █
```

**Output:**

```
mysql> USE DB;
Database changed
mysql> █
```

**Output:**

```
mysql> CREATE TABLE employee(  
    -> id int primary key,  
    -> name varchar(30),  
    -> salary int,  
    -> age int not null,  
    -> d_id int);  
Query OK, 0 rows affected (0.09 sec)
```

**Output:**

```
mysql> SHOW TABLES;  
+-----+  
| Tables_in_DB |  
+-----+  
| employee      |  
+-----+  
1 row in set (0.01 sec)
```

**Output:**

```
mysql> DESCRIBE employee;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id    | int           | NO   | PRI | NULL    |       |
| name  | varchar(30)   | YES  |     | NULL    |       |
| salary | int           | YES  |     | NULL    |       |
| age   | int           | NO   |     | NULL    |       |
| d_id  | int           | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.03 sec)
```

**Output:**

```
mysql> ALTER TABLE employee ADD address varchar(50);
Query OK, 0 rows affected (0.21 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> DESCRIBE employee;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id    | int           | NO   | PRI | NULL    |       |
| name  | varchar(30)   | YES  |     | NULL    |       |
| salary | int          | YES  |     | NULL    |       |
| age   | int           | NO   |     | NULL    |       |
| d_id  | int           | YES  |     | NULL    |       |
| address | varchar(50)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.01 sec)
```

**Output:**

```
mysql> ALTER TABLE employee DROP column age;
Query OK, 0 rows affected (0.18 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> DESCRIBE employee;
```

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
name	varchar(30)	YES		NULL	
salary	int	YES		NULL	
d_id	int	YES		NULL	
address	varchar(50)	YES		NULL	

5 rows in set (0.00 sec)

**Output:**

```
mysql> ALTER TABLE employee RENAME TO details_of_employee;  
Query OK, 0 rows affected (0.06 sec)
```

```
mysql> SHOW TABLES;
+-----+
| Tables_in_DB |
+-----+
| employee      |
+-----+
1 row in set (0.01 sec)
```

```
mysql> SHOW TABLES;
+-----+
| Tables_in_DB      |
+-----+
| details_of_employee |
+-----+
1 row in set (0.01 sec)
```

**Output:**

```
mysql> INSERT INTO details_of_employee(
-> id,name,salary,d_id,address)
-> VALUES
-> (101,"Dolindra",500000,50,"kathmandu"),
-> (102,"Aayush",80000,10,"Lalitpur");
Query OK, 2 rows affected (0.02 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
mysql> SELECT * FROM details_of_employee;
+-----+-----+-----+-----+-----+
| id   | name      | salary | d_id | address  |
+-----+-----+-----+-----+-----+
| 101  | Dolindra  | 500000 | 50   | kathmandu |
| 102  | Aayush    | 80000  | 10   | Lalitpur  |
+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

**Output:**

```
mysql> TRUNCATE TABLE details_of_employee;
Query OK, 0 rows affected (0.12 sec)
```

```
mysql> SELECT * FROM details_of_employee;
Empty set (0.00 sec)
```



**Output:**

```
mysql> DROP TABLE details_of_employee;
Query OK, 0 rows affected (0.06 sec)

mysql> SHOW TABLES;
Empty set (0.00 sec)
```

**Output:**

```
mysql> DROP DATABASE DB;
Query OK, 0 rows affected (0.04 sec)

mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
4 rows in set (0.00 sec)
```