

```
C:\Windows\System32\cmd.exe - mysql -u root -p

Copyright (c) 2000, 2024, 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> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| xyz |
+-----+
5 rows in set (0.00 sec)

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

mysql> USE empdatabase;
Database changed
mysql> CREATE TABLE emp (ID VARCHAR(4), Name VARCHAR(10), Dept VARCHAR(15), Sal INT, Experience VARCHAR(10));
Query OK, 0 rows affected (0.06 sec)

mysql> SHOW TABLES;
+-----+
| Tables_in_empdatabase |
+-----+
| emp |
+-----+
1 row in set (0.00 sec)

mysql> DESC emp;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| ID | varchar(4) | YES | | NULL | |
| Name | varchar(10) | YES | | NULL | |
| Dept | varchar(15) | YES | | NULL | |
| Sal | int | YES | | NULL | |
| Experience | varchar(10) | YES | | NULL | |
+-----+
5 rows in set (0.00 sec)

mysql>
```

```
C:\Windows\System32\cmd.exe - mysql -u root -p

mysql> INSERT INTO emp
-> VALUES ('E01', 'Ethan', 'Marketing', 30000, '2 Years');
Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO emp
-> VALUES ('E02', 'Olivia', 'Finance', 40000, '3 Years');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO emp
-> VALUES ('E03', 'Liam', 'Operations', 30000, '1 Years');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO emp
-> VALUES ('E04', 'Sophia', 'Finance', 40000, '3 Years');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO emp
-> VALUES ('E05', 'Noah', 'Operations', 35000, '2 Years');
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM emp;
+-----+
| ID | Name | Dept | Sal | Experience |
+-----+
| E01 | Ethan | Marketing | 30000 | 2 Years |
| E02 | Olivia | Finance | 40000 | 3 Years |
| E03 | Liam | Operations | 30000 | 1 Years |
| E04 | Sophia | Finance | 40000 | 3 Years |
| E05 | Noah | Operations | 35000 | 2 Years |
+-----+
5 rows in set (0.00 sec)

mysql>
```

```
C:\Windows\System32\cmd.exe - mysql -u root -p

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

mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| empdatabase |
| information_schema |
| mysql |
| performance_schema |
| studentdatabase |
| sys |
| xyz |
+-----+
7 rows in set (0.00 sec)

mysql> USE studentdatabase;
Database changed

mysql> CREATE TABLE std (RNo VARCHAR(4), Name VARCHAR(10), Dept VARCHAR(15), Year INT, College VARCHAR(20));
Query OK, 0 rows affected (0.05 sec)

mysql> SHOW TABLES;
+-----+
| Tables_in_studentdatabase |
+-----+
| std |
+-----+
1 row in set (0.00 sec)

mysql> DESC std;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| RNo | varchar(4) | YES | | NULL | |
| Name | varchar(10) | YES | | NULL | |
| Dept | varchar(15) | YES | | NULL | |
| Year | int | YES | | NULL | |
| College | varchar(20) | YES | | NULL | |
+-----+
5 rows in set (0.00 sec)

mysql> _
```

```
C:\Windows\System32\cmd.exe - mysql -u root -p

mysql> INSERT INTO std
-> VALUES ('S01', 'Michael', 'Computer Sci', 2, 'Harvard');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO std
-> VALUES ('S02', 'Dominic', 'Computer Sci', 2, 'Stanford');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO std
-> VALUES ('S03', 'Abel', 'Computer Sci', 3, 'Harvard');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO std
-> VALUES ('S04', 'Kendrick', 'Mechanical', 4, 'Stanford');
Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO std
-> VALUES ('S05', 'Edward', 'Computer Sci', 3, 'MIT');
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM std;
+-----+
| RNo | Name | Dept | Year | College |
+-----+
| S01 | Michael | Computer Sci | 2 | Harvard |
| S02 | Dominic | Computer Sci | 2 | Stanford |
| S03 | Abel | Computer Sci | 3 | Harvard |
| S04 | Kendrick | Mechanical | 4 | Stanford |
| S05 | Edward | Computer Sci | 3 | MIT |
+-----+
5 rows in set (0.00 sec)

mysql>
```