

MySQL

Siddesh Mandhare

1) Successfully install MySQL.

```
Administrator: Command Pro  X  +  v
Microsoft Windows [Version 10.0.22631.4112]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sidma>mysql --version
mysql Ver 8.0.39 for Win64 on x86_64 (MySQL Community Server - GPL)

C:\Users\Sidma>mysql -u root -p
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 8.0.39 MySQL Community Server - GPL

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> |
```

2) Show existing databases

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
4 rows in set (0.03 sec)

mysql> |
```

3) Create new database

```
mysql> create database AWS_Devops;  
Query OK, 1 row affected (0.08 sec)
```

```
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| aws_devops |  
| information_schema |  
| mysql |  
| performance_schema |  
| sys |  
+-----+  
5 rows in set (0.00 sec)
```

4) Create table in (aws_devops) database

```
mysql> use aws_devops  
Database changed  
mysql> create table student (name varchar(30),ID int,address varchar(50),marks int);  
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc student;  
+-----+-----+-----+-----+-----+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| name | varchar(30) | YES | | NULL | |  
| ID | int | YES | | NULL | |  
| address | varchar(50) | YES | | NULL | |  
| marks | int | YES | | NULL | |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.01 sec)
```

```
mysql> |
```

5) Insert values in tables

```
mysql> insert into student values ('sid',12,'pune',80),('udya',23,'mumbai',88);
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> selecet* from students;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r 'selecet* from students' at line 1
mysql> selecet * from students;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r 'selecet * from students' at line 1
mysql> select * from student;
+-----+-----+-----+-----+
| name | ID   | address | marks |
+-----+-----+-----+-----+
| sid  | 12   | pune    | 80    |
| udya | 23   | mumbai  | 88    |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

6) Select some columns in table

```
mysql> select marks,address from student;
+-----+-----+
| marks | address |
+-----+-----+
| 80    | pune    |
| 88    | mumbai  |
+-----+-----+
2 rows in set (0.00 sec)
```

7) Select some particular values from table.

```
mysql> select * from student where address='pune';
+-----+-----+-----+-----+
| name | ID   | address | marks |
+-----+-----+-----+-----+
| sid  | 12   | pune    | 80    |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from student where ID=23;
+-----+-----+-----+-----+
| name | ID   | address | marks |
+-----+-----+-----+-----+
| udyā | 23   | mumbai  | 88    |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

8) Create user via using command line

```
mysql> create user 'siddesh'@'localhost' identified by 'ABC@XYZqa1234';
Query OK, 0 rows affected (0.02 sec)
```