

# MySQL

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- 1) Successfully install MySQL.  
(use below link-[MySQL :: Download MySQL Installer](#))

```
Administrator: Command Pro  X  +  v
Microsoft Windows [Version 10.0.22631.4112]
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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

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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 that corresponds to your MySQL server version for the right syntax to use near 'selecet* from students' at line 1
mysql> selecet * from students;
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 '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)
```