

# All the queries taught in lab are executed in MYSQL command line prompt

```
MySQL 8.0 Command Line Client
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 19
Server version: 8.0.26 MySQL Community Server - GPL

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owners.

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

mysql> select user from mysql.user;
+-----+
| user |
+-----+
| mysql.infoschema |
| mysql.session |
| mysql.sys |
| root |
+-----+
4 rows in set (0.01 sec)


mysql> create user iiit@localhost identified by '1234';
Query OK, 0 rows affected (0.04 sec)

mysql> select user from mysql.user;
+-----+
| user |
+-----+
| iiit |
| mysql.infoschema |
| mysql.session |
| mysql.sys |
| root |
+-----+
5 rows in set (0.00 sec)

mysql> grant all privileges on *.* to iiit@localhost;
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 'privileges on *.* to iiit@localhost' at line 1
mysql> grant all privileges on *.* to iiit@localhost;
Query OK, 0 rows affected (0.02 sec)

mysql> grant create, select, insert on *.* to iiit@localhost;
Query OK, 0 rows affected (0.01 sec)

mysql> flush privileges;
Query OK, 0 rows affected (0.01 sec)
```



MySQL 8.0 Command Line Client

```
mysql> flush privileges;
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> show grants for iiit;
ERROR 1141 (42000): There is no such grant defined for user 'iiit' on host '%'
mysql> show grants for iiit@localhost;
```

```
-----+
| Grants for iiit@localhost
```

```
-----+
| GRANT SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, RELOAD, SHUTDOWN, PROCESS, FILE, REFERENCES, INDEX, ALTER, SHOW DATABASES, SUPER, CREATE TEMPORARY TABLES, LOCK TABLES, EXECUTE, REPLICATION SLAVE, REPLICATION CLIENT, CREATE VIEW, SHOW VIEW, CREATE ROUTINE, ALTER ROUTINE, CREATE USER, EVENT, TRIGGER, CREATE TABLESPACE, CREATE ROLE, DROP ROLE ON *.* TO `iiit`@`localhost`
```

```
-----+
| GRANT APPLICATION_PASSWORD_ADMIN,AUDIT_ADMIN,BACKUP_ADMIN,BINLOG_ADMIN,BINLOG_ENCRYPTION_ADMIN,CLONE_ADMIN,CONNECTION_ADMIN,ENCRYPTION_KEY_ADMIN,FLUSH_OPTIMIZER_COSTS,FLUSH_STATUS,FLUSH_TABLES,FLUSH_USER_RESOURCES,GROUP_REPLICATION_ADMIN,INNODB_REDO_LOG_ARCHIVE,INNODB_REDO_LOG_ENABLE,PERSIST_RO_VARIABLES_ADMIN,REPLICATION_APPLIER,REPLICATION_SLAVE_ADMIN,RESOURCE_GROUP_ADMIN,RESOURCE_GROUP_USER,ROLE_ADMIN,SERVICE_CONNECTION_ADMIN,SESSION_VARIABLES_ADMIN,SET_USER_ID,SHOW_ROUTINE,SYSTEM_USER,SYSTEM_VARIABLES_ADMIN,TABLE_ENCRYPTION_ADMIN,XA_RECOVER_ADMIN ON *.* TO `iiit`@`localhost`
```

```
-----+
2 rows in set (0.01 sec)
```

```
mysql> drop user iiit@localhost;
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> select user from mysql.user;
```

```
-----+
| user
```

```
-----+
| mysql.infoschema
```

```
-----+
| mysql.session
```

```
-----+
| mysql.sys
```

```
-----+
| root
```

```
-----+
4 rows in set (0.01 sec)
```

```
mysql> show databases;
```

```
-----+
| Database
```

```
-----+
| information_schema
```

```
-----+
| mysql
```

```
-----+
| performance_schema
```

```
-----+
| sakila
```



MySQL 8.0 Command Line Client

2 rows in set (0.01 sec)

mysql> drop user iit@localhost;  
Query OK, 0 rows affected (0.02 sec)

mysql> select user from mysql.user;

user
mysql.infoschema
mysql.session
mysql.sys
root

4 rows in set (0.01 sec)

mysql> show databases;

Database
information_schema
mysql
performance_schema
sakila
sys
world

6 rows in set (0.04 sec)

mysql> create database dbms;  
Query OK, 1 row affected (0.02 sec)

mysql> show create database dbms;

Database	Create Database
dbms	CREATE DATABASE `dbms` /*!40100 DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci */ /*!80016 DEFAULT ENCRYPTION='N' */

1 row in set (0.01 sec)

mysql> show databases;

Database
dbms
information_schema
mysql
performance_schema
sakila



MySQL 8.0 Command Line Client

```
mysql> show databases;
```

Database
dbms
information_schema
mysql
performance_schema
sakila
sys
world

7 rows in set (0.00 sec)

```
mysql> use dbms
```

Database changed

```
mysql> drop database dbms;
```

Query OK, 0 rows affected (0.02 sec)

```
mysql> show databases;
```

Database
information_schema
mysql
performance_schema
sakila
sys
world

6 rows in set (0.00 sec)

```
mysql> create table student(id int,name varchar(50));
```

ERROR 1046 (3D000): No database selected

```
mysql> create database dbms;
```

Query OK, 1 row affected (0.02 sec)

```
mysql> use dbms
```

Database changed

```
mysql> create table student(id int,name varchar(50));
```

Query OK, 0 rows affected (0.09 sec)

```
mysql>
```



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