

Lab - Task : 1

Task 1.1 :

Task 1.1 Create the fast_dbms database as shown in above Figure.

To check to see if your database has been created you need to use the SHOW

DATABASES command which lists the databases on the MySQL server host.

```
(anaconda3)shafeen@shafeen-Dell-G15-5515:~$ sudo mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 33
Server version: 10.11.4-MariaDB-1 Ubuntu 23.10

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

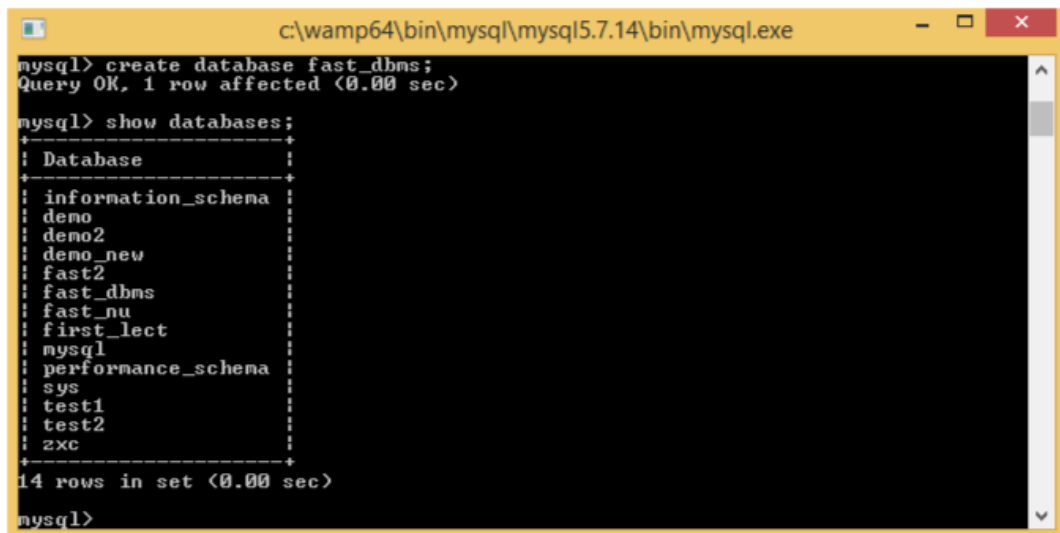
MariaDB [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| fast      |
| information_schema |
| mysql     |
| performance_schema |
| sys       |
+-----+
5 rows in set (0.002 sec)

MariaDB [(none)]> USE mysql
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [mysql]> 
```

Task 1.2 :

Task 1.2 Execute the following MySQL command to show the databases that you just created.



```
c:\wamp64\bin\mysql\mysql5.7.14\bin\mysql.exe
mysql> create database fast_dbms;
Query OK, 1 row affected (0.00 sec)

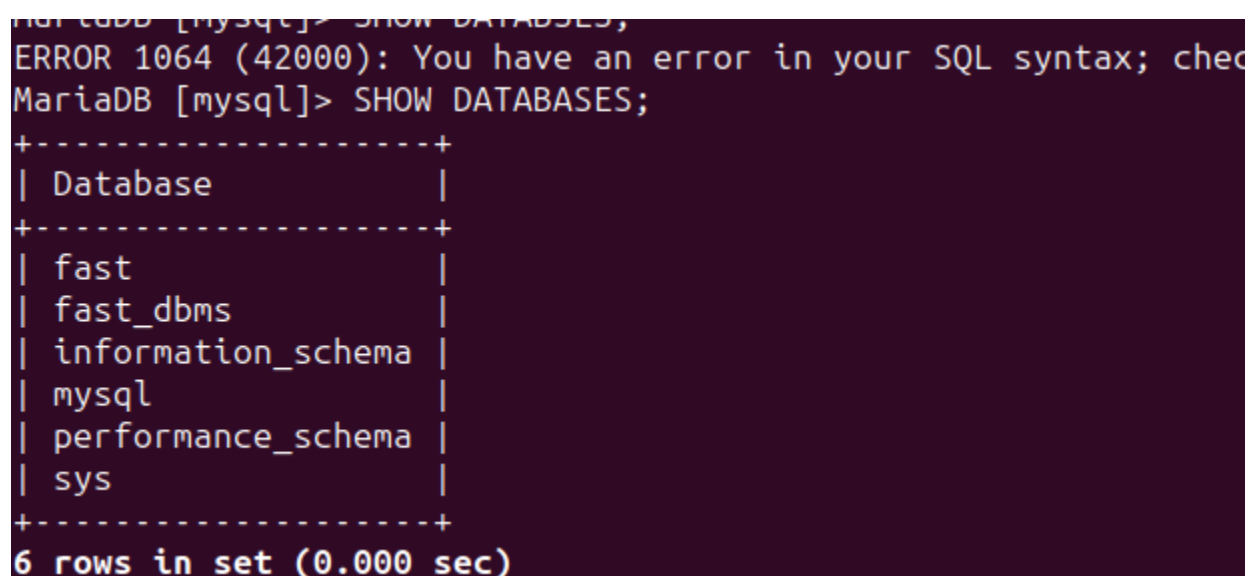
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| demo |
| demo2 |
| demo_new |
| fast2 |
| fast_dbms |
| fast_nu |
| first_lect |
| mysql |
| performance_schema |
| sys |
| test1 |
| test2 |
| zxc |
+-----+
14 rows in set (0.00 sec)

mysql>
```

To work with any specific database you first have to select it, so you need to execute the USE command followed by the name of the database that you want to use.

FAST-NUCES Peshawar

CL203: Database Systems



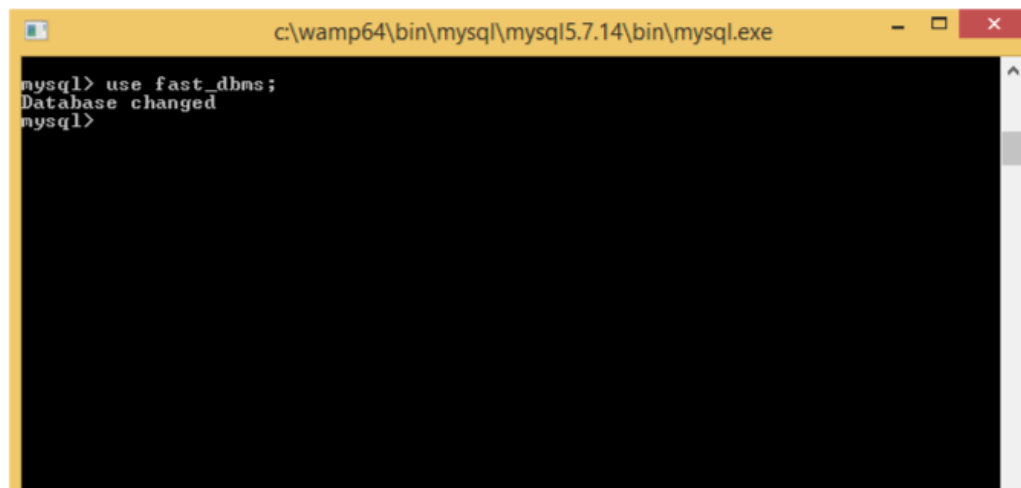
```
not cdb [mysql]> SHOW DATABASES;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB version for the right syntax to use near 'SHOW DATABASES;' at line 1
MariaDB [mysql]> SHOW DATABASES;
+-----+
| Database |
+-----+
| fast |
| fast_dbms |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
6 rows in set (0.000 sec)
```

Task 1.3 :

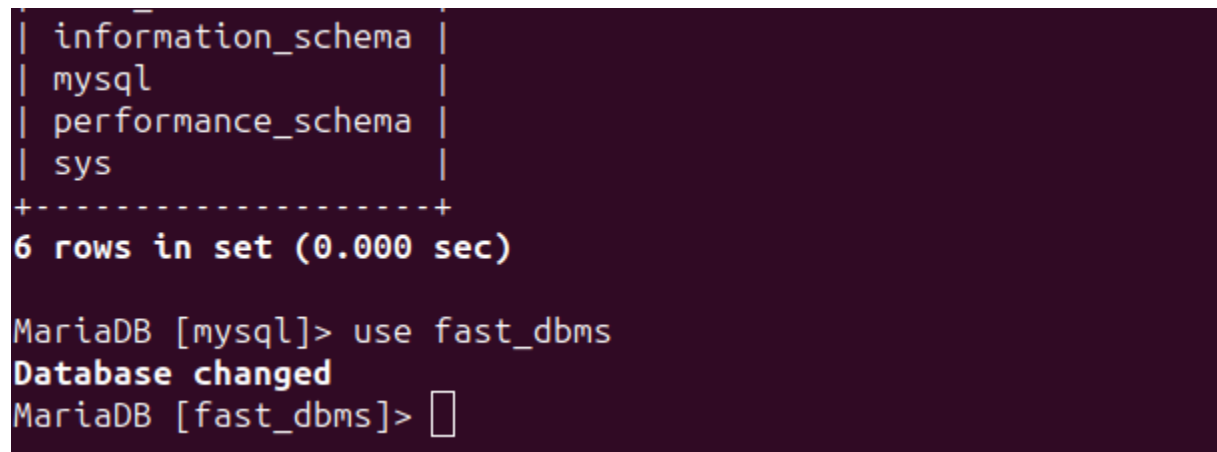
Task 1.3 Execute the following MySQL command to begin using the fast_dbms database.

```
mysql> USE fast_dbms;
```

MySQL will then inform you that the database has changed.



```
c:\wamp64\bin\mysql\mysql5.7.14\bin\mysql.exe
mysql> use fast_dbms;
Database changed
mysql>
```



```
information_schema
mysql
performance_schema
sys
+-----+
6 rows in set (0.000 sec)

MariaDB [mysql]> use fast_dbms
Database changed
MariaDB [fast_dbms]> 
```