

Beginner's Guide To MySQL

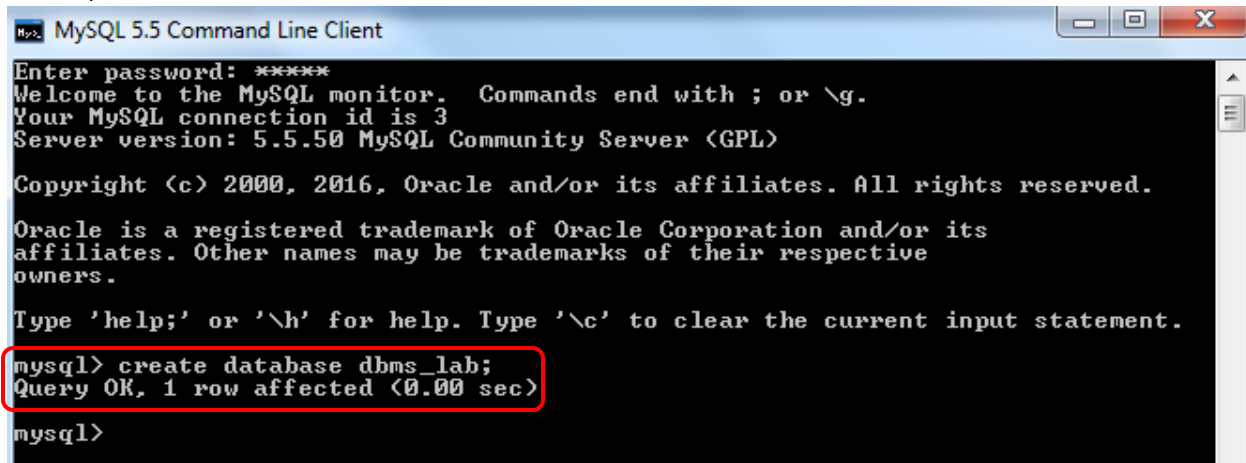
By

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1. Install default options for latest "mysql-x.x.xx-winxx.msi" file
2. Open "MySQL x.x Command Line Client" & type your password
3. Create a new database of your own

Command: create database <Database Name>;

Example:



```
MySQL 5.5 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.5.50 MySQL Community Server (GPL)

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owners.

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

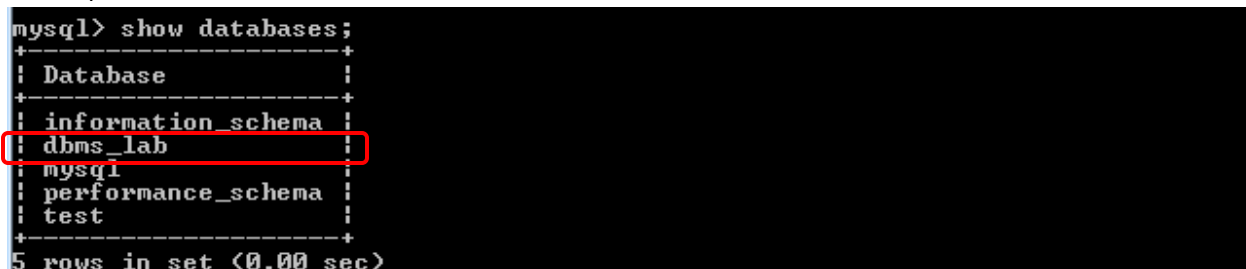
mysql> create database dbms_lab;
Query OK, 1 row affected (0.00 sec)

mysql>
```

4. View all databases

Command: show databases;

Example:



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

5. Use your database

Command: use <Database Name>;

Example:



```
mysql> use dbms_lab;
Database changed
mysql>
```

6. Create a new table in your database

Command: create table <Table Name>

(Field1 datatype(size), Field2 datatype(size),);

Example:

```
mysql> create table student(Name varchar(20), Dept varchar(20), Roll int(4));
Query OK, 0 rows affected (0.06 sec)
mysql>
```

7. View created tables

Command: show tables;

Example:

```
mysql> show tables;
+-----+
| Tables_in_dbms_lab |
+-----+
| student             |
+-----+
1 row in set (0.00 sec)
mysql>
```

8. Inserting data in your table

Command: insert into <Table Name> values (value1, value 2,);

Example:

```
mysql> insert into student values('Aditi', 'IT', 2406);
Query OK, 1 row affected (0.03 sec)

mysql> insert into student values('Suvo', 'CSE', 3402);
Query OK, 1 row affected (0.05 sec)

mysql>
```

Here the values have been inserted. Character with ''.

9. View the complete table with data

Command: select * from <Table Name>;

Example:

```
mysql> select * from student;
+----+-----+-----+
| Name | Dept | Roll |
+----+-----+-----+
| Aditi | IT   | 2406 |
| Suvo  | CSE  | 3402 |
+----+-----+-----+
2 rows in set (0.00 sec)
mysql>
```

10. Delete table from database

Command: drop table <Table Name>;

Example:

```
mysql> drop table student;
Query OK, 0 rows affected (0.02 sec)

mysql> show tables;
Empty set (0.00 sec)

mysql>
```

Student table is not there in the list of tables.

11. Delete your database

Command: drop database <Database Name>;

Example:

```
mysql> drop database dbms_lab;
Query OK, 0 rows affected (0.01 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| test |
+-----+
4 rows in set (0.02 sec)

mysql>
```

dbms_lab database is not in current database list