1.   Show all database inside your machine.

```
MariaDB [(none)]> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| chinookcs          |
| db_bsit2a          |
| hehehey            |
| hehehey copy       |
| information_schema |
| monfraise_db       |
| mysql              |
| performance_schema |
| phpmyadmin         |
| test               |
+--------------------+
10 rows in set (0.001 sec)
```

2. Create database with database name `db_faith`

```
MariaDB [(none)]> CREATE DATABASE db_faith;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> SHOW DATABASE;
ERROR 1064 (42000): You have an error in your SQL syntax; ch
riaDB server version for the right syntax to use near 'DATAB
MariaDB [(none)]> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| chinookcs          |
| db_bsit2a          |
| db_faith           |
| hehehey            |
| hehehey copy       |
| information_schema |
| monfraise_db       |
| mysql              |
| performance_schema |
| phpmyadmin         |
| test               |
+--------------------+
```

3. Use database `db_faith`;

```
MariaDB [(none)]> USE db_faith;
Database changed
MariaDB [db_faith]> |
```

4. Create table with table name `tbl_students`, following fields:

Field Name	Data Type	Length	Extra
id	INT		PRIMARY KEY, AUTO_INCREMENT
lastname	VARCHAR	100	
firstname	VARCHAR	100	
department	VARCHAR	10	
course	VARCHAR	10	
year	INT	2	
status	VARCHAR	10	

```
MariaDB [db_faith]> CREATE TABLE tbl_students (
    -> id INT AUTO_INCREMENT PRIMARY KEY,
    -> lastname VARCHAR(100),
    -> firstname VARCHAR(100),
    -> department VARCHAR(10),
    -> course VARCHAR(10),
    -> year INT (2),
    -> status VARCHAR(10)
    -> );
Query OK, 0 rows affected (0.031 sec)

MariaDB [db_faith]> SHOW TABLE;
ERROR 1064 (42000): You have an error in your SQL syntax; check the ma
riaDB server version for the right syntax to use near '' at line 1
MariaDB [db_faith]> DESCRIBE tbl_students;
+------------+--------------+------+-----+---------+----------------+
| Field      | Type         | Null | Key | Default | Extra          |
+------------+--------------+------+-----+---------+----------------+
| id         | int(11)      | NO   | PRI | NULL    | auto_increment |
| lastname   | varchar(100) | YES  |     | NULL    |                |
| firstname  | varchar(100) | YES  |     | NULL    |                |
| department | varchar(10)  | YES  |     | NULL    |                |
| course     | varchar(10)  | YES  |     | NULL    |                |
| year       | int(2)       | YES  |     | NULL    |                |
| status     | varchar(10)  | YES  |     | NULL    |                |
+------------+--------------+------+-----+---------+----------------+
```

5. INSERT the following record inside tbl_students in following order:

      a. Cruz/Jerwin/CCIT/BSIT/2/ACTIVE

      b. Garcia/John/CCIT/BSCS/2/ACTIVE

      c. Mercado/Daniel/CBA/BSA/3/REMOVED

```
MariaDB [db_faith]> INSERT INTO tbl_students (lastname, firstname, department, course, year, status)
    -> VALUES
    -> ('Cruz', 'Jerwin', 'CCIT', 'BSIT', 2, 'ACTIVE'),
    -> ('Garcia', 'John', 'CCIT', 'BSCS', 2, 'ACTIVE'),
    -> ('Mercado', 'Daniel', 'CBA', 'BSA', 3, 'REMOVED');
Query OK, 3 rows affected (0.040 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [db_faith]> SELECT * FROM tbl_students;
+----+----------+-----------+------------+--------+------+---------+
| id | lastname | firstname | department | course | year | status  |
+----+----------+-----------+------------+--------+------+---------+
|  1 | Cruz     | Jerwin    | CCIT       | BSIT   |    2 | ACTIVE  |
|  2 | Garcia   | John      | CCIT       | BSCS   |    2 | ACTIVE  |
|  3 | Mercado  | Daniel    | CBA        | BSA    |    3 | REMOVED |
+----+----------+-----------+------------+--------+------+---------+
3 rows in set (0.000 sec)
```

6. Display all record of 3rd year students.

```
MariaDB [db_faith]> SELECT * FROM tbl_students WHERE year=3;
+----+----------+-----------+------------+--------+------+---------+
| id | lastname | firstname | department | course | year | status  |
+----+----------+-----------+------------+--------+------+---------+
|  3 | Mercado  | Daniel    | CBA        | BSA    |    3 | REMOVED |
+----+----------+-----------+------------+--------+------+---------+
1 row in set (0.001 sec)
```

7. Display all record of student/s if the status is equal to `REMOVED`.

```
MariaDB [db_faith]> SELECT * FROM tbl_students WHERE status='REMOVED';
+----+----------+-----------+------------+--------+------+---------+
| id | lastname | firstname | department | course | year | status  |
+----+----------+-----------+------------+--------+------+---------+
|  3 | Mercado  | Daniel    | CBA        | BSA    |    3 | REMOVED |
+----+----------+-----------+------------+--------+------+---------+
1 row in set (0.000 sec)
```

8. Display the firstname of all students under CCIT department.

```
MariaDB [db_faith]> SELECT firstname FROM tbl_students WHERE department='CCIT';
+-----------+
| firstname |
+-----------+
| Jerwin    |
| John      |
+-----------+
2 rows in set (0.000 sec)
```

9. Update the lastname to Miranda if the id = 3.

```
MariaDB [db_faith]> UPDATE tbl_students SET lastname = 'Miranda' WHERE id = 3;
Query OK, 1 row affected (0.003 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [db_faith]> SELECT * FROM tbl_students;
+----+----------+-----------+------------+--------+------+---------+
| id | lastname | firstname | department | course | year | status  |
+----+----------+-----------+------------+--------+------+---------+
|  1 | Cruz     | Jerwin    | CCIT       | BSIT   |    2 | ACTIVE  |
|  2 | Garcia   | John      | CCIT       | BSCS   |    2 | ACTIVE  |
|  3 | Miranda  | Daniel    | CBA        | BSA    |    3 | REMOVED |
+----+----------+-----------+------------+--------+------+---------+
3 rows in set (0.000 sec)
```

10. Delete Jerwin Cruz data.

```
MariaDB [db_faith]> DELETE FROM tbl_students WHERE id = 1;
Query OK, 1 row affected (0.012 sec)

MariaDB [db_faith]> SELECT * FROM tbl_students;
+----+----------+-----------+------------+--------+------+---------+
| id | lastname | firstname | department | course | year | status  |
+----+----------+-----------+------------+--------+------+---------+
|  2 | Garcia   | John      | CCIT       | BSCS   |    2 | ACTIVE  |
|  3 | Miranda  | Daniel    | CBA        | BSA    |    3 | REMOVED |
+----+----------+-----------+------------+--------+------+---------+
2 rows in set (0.000 sec)
```