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1. Show all database inside your machine.

```
MariaDB [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| christine |
| db_bsit2a |
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
7 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)
```

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 PRIMARY KEY AUTO_INCREMENT,
  -> lastname VARCHAR(100),
  -> firstname VARCHAR(100),
  -> department VARCHAR(10),
  -> course VARCHAR(10),
  -> year INT(2),
  -> status VARCHAR(10)
  -> );
Query OK, 0 rows affected (0.032 sec)
```

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

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

```
MariaDB [db_faith]> INSERT INTO tbl_students(
-> lastname, firstname, department, course, year, status)
-> VALUES(
-> 'Cruz', 'Jerwin', 'CCIT', 'BSIT', 2, 'ACTIVE');
Query OK, 1 row affected (0.013 sec)
```

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

```
MariaDB [db_faith]> INSERT INTO tbl_students(
-> lastname, firstname, department, course, year, status)
-> VALUES(
-> 'Garcia', 'John', 'CCIT', 'BSCS', 2, 'ACTIVE');
Query OK, 1 row affected (0.013 sec)
```

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

```
MariaDB [db_faith]> INSERT INTO tbl_students(
-> lastname, firstname, department, course, year, status)
-> VALUES(
-> 'Mercado', 'Daniel', 'CBA', 'BSA', 3, 'REMOVED');
Query OK, 1 row affected (0.011 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 (0.001 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 (0.012 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

10. Delete Jerwin Cruz data.

```
MariaDB [db_faith]> DELETE FROM tbl_students WHERE
-> id = 1;
Query OK, 1 row affected (0.014 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)
```