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1. Show all database inside your machine.

```
rs1 07 MariaDB [(none)]> SHOW DATABASES
-> ;
+-----+
| Database |
+-----+
| chinookdb |
| chinookit |
| employeedb |
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| school_db |
| test |
+-----+
9 rows in set (0.023 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
```

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 (0.028 sec)
```

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');
Query OK, 1 row affected (0.012 sec)

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 (0.012 sec)

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 3<sup>rd</sup> year students.

```
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 (0.001 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 (0.012 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 (0.012 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)
```