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1. Show all database inside your machine.

```
MariaDB [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
5 rows in set (0.001 sec)
```

2. Create database with database name `db_faith`

```
CREATE DATABASE db_faith' at line 2
MariaDB [(none)]> CREATE DATABASE db_faith;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> |
```

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(100),
  -> course VARCHAR(100),
  -> year INT,
  -> status VARCHAR(10)
  -> );
Query OK, 0 rows affected (0.031 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 (0.035 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 (0.013 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 (0.012 sec)
```

6. Display all record of 3rd year students.

```
MariaDB [db_faith]> SELECT * FROM tbl_students
-> WHERE year>2;
+----+-----+-----+-----+-----+-----+-----+
| id | lastname | firstname | department | course | year | status |
+----+-----+-----+-----+-----+-----+-----+
| 3 | Mercado | Daniel | CBA | BSA | 3 | REMOVED |
+----+-----+-----+-----+-----+-----+-----+
1 row in set (0.000 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 (0.001 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
```

```
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 (0.013 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)
```