

Advance Database: Activity 1

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1. Give the query and results on select statement on users table

```
MariaDB [manzo]> select * from users;
```

ID	email	password	date_created	stamp
1	ibarra@example.com	password1	2022-01-01	2023-08-31 23:03:19
2	mariaclara@example.com	password2	2022-01-02	2023-08-31 23:03:19
3	elias@example.com	password3	2022-01-03	2023-08-31 23:03:19
4	sisa@example.com	password4	2022-01-04	2023-08-31 23:03:19
5	padre.salvi@example.com	password5	2022-01-05	2023-08-31 23:03:19
6	kapitan.tiyago@example.com	password6	2022-01-06	2023-08-31 23:03:19
7	basilio@example.com	password7	2022-01-07	2023-08-31 23:03:19
8	simoun@example.com	password8	2022-01-08	2023-08-31 23:03:19
9	padre.damaso@example.com	password9	2022-01-09	2023-08-31 23:03:19
10	andeng@example.com	password10	2022-01-10	2023-08-31 23:03:19

10 rows in set (0.000 sec)

2. Give the query and results on insert statement on users_information table.

```
MariaDB [manzo]> INSERT INTO users_information (firstname, lastname, middlename, address, phone_number, users_id) VALUES ('Dexters', 'Peraltree', 'Anchetong', 'Ormoc', '+639987654321', 7);  
Query OK, 1 row affected (0.012 sec)
```

firstname	lastname	middlename	address	phone_number	users_id
Juan	Ibarra	Crisostomo	San Diego	+639123456789	1
Maria	Clara	Magdalena	San Diego	+639234567890	2
Elias	Baltazar	Peralta	The Forest	+639345678901	3
Sisa	Delos Santos	Credo	San Diego	+639456789012	4
Padre	Salvi	Damaso	San Diego	+639567890123	5
Kapitan	Tiyago	Dalisay	San Diego	+639678901234	5
Basilio	Dalisay	Sakristan	San Diego	+639789012345	6
Simoun	Crisostomo	Hidalgo	San Diego	+639890123456	6
Padre	Damaso	Hernandez	San Diego	+639901234567	7
Andeng	Bautista	Soriano	San Diego	+639012345678	7
Dexters	Peraltree	Anchetong	Ormoc	+639987654321	7

11 rows in set (0.000 sec)

3. Give the query and results on update statement on users_information table change the 5th row first name to "John" and last name to "Carter"

```
MariaDB [manzo]> UPDATE users_information SET firstname = 'John', lastname = 'Carter' WHERE users_id = 5;  
Query OK, 2 rows affected (0.002 sec)  
Rows matched: 2 Changed: 2 Warnings: 0
```

```
MariaDB [manzo]> select * from users_information;
```

firstname	lastname	middlename	address	phone_number	users_id
Juan	Ibarra	Crisostomo	San Diego	+639123456789	1
Maria	Clara	Magdalena	San Diego	+639234567890	2
Elias	Baltazar	Peralta	The Forest	+639345678901	3
Sisa	Delos Santos	Credo	San Diego	+639456789012	4
John	Carter	Damaso	San Diego	+639567890123	5
John	Carter	Dalisay	San Diego	+639678901234	5
Basilio	Dalisay	Sakristan	San Diego	+639789012345	6
Simoun	Crisostomo	Hidalgo	San Diego	+639890123456	6
Padre	Damaso	Hernandez	San Diego	+639901234567	7
Andeng	Bautista	Soriano	San Diego	+639012345678	7
Dexters	Peraltree	Anchetong	Ormoc	+639987654321	7

11 rows in set (0.000 sec)

4. Give the query and results on the count of rows on users table.

```
MariaDB [manzo]> SELECT COUNT(*) FROM users;
+-----+
| COUNT(*) |
+-----+
|         10 |
+-----+
1 row in set (0.000 sec)
```

5. Replace the date created values on users:
on id 1-5 change the date to "2023-08-28"
on id 6-10 change the date to "2023-08-30"

```
MariaDB [manzo]> UPDATE users SET date_created = '2023-08-28' WHERE ID BETWEEN 1 AND 5;
Query OK, 5 rows affected (0.011 sec)
Rows matched: 5  Changed: 5  Warnings: 0

MariaDB [manzo]> UPDATE users SET date_created = '2023-08-30' WHERE ID BETWEEN 6 AND 10;
Query OK, 5 rows affected (0.012 sec)
Rows matched: 5  Changed: 5  Warnings: 0

MariaDB [manzo]> select * from users;
+-----+-----+-----+-----+-----+
| ID | email | password | date_created | stamp |
+-----+-----+-----+-----+-----+
| 1 | ibarra@example.com | password1 | 2023-08-28 | 2023-08-31 23:48:25 |
| 2 | mariaclara@example.com | password2 | 2023-08-28 | 2023-08-31 23:48:25 |
| 3 | elias@example.com | password3 | 2023-08-28 | 2023-08-31 23:48:25 |
| 4 | sisa@example.com | password4 | 2023-08-28 | 2023-08-31 23:48:25 |
| 5 | padre.salvi@example.com | password5 | 2023-08-28 | 2023-08-31 23:48:25 |
| 6 | kapitan.tiyago@example.com | password6 | 2023-08-30 | 2023-08-31 23:48:30 |
| 7 | basilio@example.com | password7 | 2023-08-30 | 2023-08-31 23:48:30 |
| 8 | simoun@example.com | password8 | 2023-08-30 | 2023-08-31 23:48:30 |
| 9 | padre.damaso@example.com | password9 | 2023-08-30 | 2023-08-31 23:48:30 |
| 10 | andeng@example.com | password10 | 2023-08-30 | 2023-08-31 23:48:30 |
+-----+-----+-----+-----+-----+
10 rows in set (0.000 sec)
```

6. Display the user's email, first name, last name, phone number in one query.

```
MariaDB [manzo]> SELECT u.email, ui.firstname, ui.lastname, ui.phone_number
-> FROM users u
-> JOIN users_information ui ON u.ID = ui.users_id;
+-----+-----+-----+-----+
| email | firstname | lastname | phone_number |
+-----+-----+-----+-----+
| ibarra@example.com | Juan | Ibarra | +639123456789 |
| mariaclara@example.com | Maria | Clara | +639234567890 |
| elias@example.com | Elias | Baltazar | +639345678901 |
| sisa@example.com | Sisa | Delos Santos | +639456789012 |
| padre.salvi@example.com | John | Carter | +639567890123 |
| padre.salvi@example.com | John | Carter | +639678901234 |
| kapitan.tiyago@example.com | Basilio | Dalisay | +639789012345 |
| kapitan.tiyago@example.com | Simoun | Crisostomo | +639890123456 |
| basilio@example.com | Padre | Damaso | +639901234567 |
| basilio@example.com | Andeng | Bautista | +639012345678 |
| basilio@example.com | Dexters | Peraltree | +639987654321 |
+-----+-----+-----+-----+
11 rows in set (0.000 sec)
```

7. column Add on user information table: mac address, ip address and insert sample date to those columns.

```
MariaDB [manzo]> ALTER TABLE users_information
-> ADD COLUMN macaddress VARCHAR(20),
-> ADD COLUMN ipaddress VARCHAR(15);
Query OK, 0 rows affected (0.013 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [manzo]> UPDATE users_information
-> SET macaddress = '00:11:22:33:44:55',
-> ipaddress = '192.168.1.100'
-> WHERE users_id BETWEEN 1 AND 10;
Query OK, 11 rows affected (0.003 sec)
Rows matched: 11 Changed: 11 Warnings: 0
```

8. Display the user's ID, email, mac address, ip address.

```
MariaDB [manzo]> SELECT u.ID, u.email, ui.macaddress, ui.ipaddress
-> FROM users u
-> JOIN users_information ui ON u.ID = ui.users_id;
```

ID	email	macaddress	ipaddress
1	ibarra@example.com	00:11:22:33:44:55	192.168.1.100
2	mariaclara@example.com	00:11:22:33:44:55	192.168.1.100
3	elias@example.com	00:11:22:33:44:55	192.168.1.100
4	sisa@example.com	00:11:22:33:44:55	192.168.1.100
5	padre.salvi@example.com	00:11:22:33:44:55	192.168.1.100
5	padre.salvi@example.com	00:11:22:33:44:55	192.168.1.100
6	kapitan.tiyago@example.com	00:11:22:33:44:55	192.168.1.100
6	kapitan.tiyago@example.com	00:11:22:33:44:55	192.168.1.100
7	basilio@example.com	00:11:22:33:44:55	192.168.1.100
7	basilio@example.com	00:11:22:33:44:55	192.168.1.100
7	basilio@example.com	00:11:22:33:44:55	192.168.1.100

11 rows in set (0.000 sec)

9. Display all the user's information on date created 2023-08-28.

```
MariaDB [manzo]> SELECT ui.*
-> FROM users u
-> JOIN users_information ui ON u.ID = ui.users_id
-> WHERE DATE(u.date_created) = '2023-08-28';
```

firstname	lastname	middlename	address	phone_number	users_id	macaddress	ipaddress
Juan	Ibarra	Crisostomo	San Diego	+639123456789	1	00:11:22:33:44:55	192.168.1.100
Maria	Clara	Magdalena	San Diego	+639234567890	2	00:11:22:33:44:55	192.168.1.100
Elias	Baltazar	Peralta	The Forest	+639345678901	3	00:11:22:33:44:55	192.168.1.100
Sisa	Delos Santos	Credo	San Diego	+639456789012	4	00:11:22:33:44:55	192.168.1.100
John	Carter	Damaso	San Diego	+639567890123	5	00:11:22:33:44:55	192.168.1.100
John	Carter	Dalisay	San Diego	+639678901234	5	00:11:22:33:44:55	192.168.1.100

6 rows in set (0.000 sec)

10. Display all the user's information on date created 2023-08-30.

```
MariaDB [manzo]> SELECT ui.*
-> FROM users u
-> JOIN users_information ui ON u.ID = ui.users_id
-> WHERE DATE(u.date_created) = '2023-08-30';
```

firstname	lastname	middlename	address	phone_number	users_id	macaddress	ipaddress
Basilio	Dalisay	Sakristan	San Diego	+639789012345	6	00:11:22:33:44:55	192.168.1.100
Simoun	Crisostomo	Hidalgo	San Diego	+639890123456	6	00:11:22:33:44:55	192.168.1.100
Padre	Damaso	Hernandez	San Diego	+639901234567	7	00:11:22:33:44:55	192.168.1.100
Andeng	Bautista	Soriano	San Diego	+639012345678	7	00:11:22:33:44:55	192.168.1.100
Dexters	Peraltree	Anchetong	Ormoc	+639987654321	7	00:11:22:33:44:55	192.168.1.100

5 rows in set (0.000 sec)

