

Advance Database: Activity 1

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

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

ID	EMAIL	PASSWORD	DATE_CREATED	STAMP
1	SHANEFILAN@GMAIL.COM	QWERTY	2021-01-04	2023-09-02 12:13:05
2	BRIAN@example.com	QWERTY1	2022-04-02	2023-09-02 12:13:05
3	MARK@example.com	QWERTY2	2023-01-02	2023-09-02 12:13:05
4	KIAN@example.com	QWERTY3	2022-01-04	2023-09-02 12:13:05
5	NICKY@example.com	QWERTY4	2023-01-02	2023-09-02 12:13:05
6	BEN@example.com	QWERTY5	2012-01-02	2023-09-02 12:13:05
7	PEDOT@example.com	QWERTY6	2020-01-02	2023-09-02 12:13:05
8	PEROY@example.com	QWERTY7	2022-03-02	2023-09-02 12:13:05
9	CHAKNU@example.com	QWERTY8	2022-05-02	2023-09-02 12:13:05
10	RENEJAY@example.com	QWERTY9	2011-01-02	2023-09-02 12:13:05

```
10 rows in set (0.001 sec)
```

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

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'INSERT INTO users_information (firstname, lastname, middlename, address, phone...' at line 1
MariaDB [peralta]> INSERT INTO users_information (firstname, lastname, middlename, address, phone_number, users_id) VALUES
-> ('tibo', 'cruz', 'omen', 'San vicente', '+639123455789', 1),
-> ('kim', 'clara', 'barabas', 'tacloban', '+639453455789', 2),
-> ('kyle', 'remo', 'marcos', 'ilocos', '+639123455756', 3),
-> ('lino', 'gamayon', 'credo', 'cagayan', '+6391234553', 4),
-> ('cratos', 'helo', 'crodo', 'San Juan', '+63322345574', 5),
-> ('sheba', 'paking', 'kiloy', 'albuera', '+639673455789', 6),
-> ('mark', 'jurial', 'morimonte', 'baybay', '+639123455756', 7),
-> ('lylia', 'criti', 'pilapil', 'cagbuhangin', '+639123455734', 8),
-> ('anna', 'castro', 'lopez', 'catayum', '+6391234553421', 9),
-> ('dodong', 'tumampo', 'donaire', 'linao', '+639123454589', 10);
Query OK, 10 rows affected (0.856 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

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

firstname	lastname	middlename	address	phone_number	users_id
tibo	cruz	omen	San vicente	+639123455789	1
kim	clara	barabas	tacloban	+639453455789	2
kyle	remo	marcos	ilocos	+639123455756	3
lino	gamayon	credo	cagayan	+6391234553	4
cratos	helo	crodo	San Juan	+63322345574	5
sheba	paking	kiloy	albuera	+639673455789	6
mark	jurial	morimonte	baybay	+639123455756	7
lylia	criti	pilapil	cagbuhangin	+639123455734	8
anna	castro	lopez	catayum	+6391234553421	9
dodong	tumampo	donaire	linao	+639123454589	10

```
10 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"

```

from users_information SET firstname = 'John', lastname = 'Carter' WHERE user... at line 1
MariaDB [peralta]> UPDATE users_information SET firstname = 'John', lastname = 'Carter' WHERE users_id = 5;
Query OK, 1 row affected (0.050 sec)
Rows matched: 1 Changed: 1 Warnings: 0

```

```

MariaDB [peralta]> SELECT * FROM users_information;
+-----+-----+-----+-----+-----+-----+
| firstname | lastname | middlename | address | phone_number | users_id |
+-----+-----+-----+-----+-----+-----+
| tibo      | cruz     | omen       | San vicente | +639123455789 | 1 |
| kim       | clara    | barabas    | tacloban   | +639453455789 | 2 |
| kyle      | remo     | marcos     | ilocos     | +639123455756 | 3 |
| lino      | gamayon  | credo      | cagayan    | +6391234553    | 4 |
| John      | Carter   | crodo      | San juan   | +63322345574   | 5 |
| sheba     | paking   | kiloy      | albuera    | +639673455789 | 6 |
| mark      | jurial   | morimonte  | baybay      | +639123455756 | 7 |
| lylia     | criti    | pilapil    | cagbuhangin | +639123455734 | 8 |
| anna      | castro   | lopez      | catayum    | +6391234553421 | 9 |
| dodong    | tumampo  | donaire    | linao      | +639123454589 | 10 |
+-----+-----+-----+-----+-----+-----+
0 rows in set (0.000 sec)

```

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

```

(*) from users' at line 1
MariaDB [peralta]> 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 [peralta]> UPDATE users SET date_created = '2023-08-28' WHERE ID BETWEEN 1 AND 5;
Query OK, 5 rows affected (0.049 sec)
Rows matched: 5 Changed: 5 Warnings: 0

MariaDB [peralta]> UPDATE users SET date_created = '2023-08-30' WHERE ID BETWEEN 6 AND 10;
Query OK, 5 rows affected (0.002 sec)
Rows matched: 5 Changed: 5 Warnings: 0

```

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

ID	EMAIL	PASSWORD	DATE_CREATED	STAMP
1	SHANEFILAN@GMAIL.COM	QWERTY	2023-08-28	2023-09-02 13:13:00
2	BRIAN@example.com	QWERTY1	2023-08-28	2023-09-02 13:13:00
3	MARK@example.com	QWERTY2	2023-08-28	2023-09-02 13:13:00
4	KIAN@example.com	QWERTY3	2023-08-28	2023-09-02 13:13:00
5	NICKY@example.com	QWERTY4	2023-08-28	2023-09-02 13:13:00
6	BEN@example.com	QWERTY5	2023-08-30	2023-09-02 13:13:00
7	PEDOT@example.com	QWERTY6	2023-08-30	2023-09-02 13:13:00
8	PEROY@example.com	QWERTY7	2023-08-30	2023-09-02 13:13:00
9	CHAKNU@example.com	QWERTY8	2023-08-30	2023-09-02 13:13:00
10	RENEJAY@example.com	QWERTY9	2023-08-30	2023-09-02 13:13:00

```
10 rows in set (0.000 sec)
```

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

```
MariaDB [peralta]> 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
SHANEFILAN@GMAIL.COM	tibo	cruz	+639123455789
BRIAN@example.com	kim	clara	+639453455789
MARK@example.com	kyle	remo	+639123455756
KIAN@example.com	lino	gamayon	+6391234553
NICKY@example.com	John	Carter	+63322345574
BEN@example.com	sheba	paking	+639673455789
PEDOT@example.com	mark	jurial	+639123455756
PEROY@example.com	lylia	criti	+639123455734
CHAKNU@example.com	anna	castro	+6391234553421
RENEJAY@example.com	dodong	tumampo	+639123454589

```
10 rows in set (0.001 sec)
```

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

```

MariaDB [peralta]> ALTER TABLE users_information
  -> ADD COLUMN macaddress VARCHAR(20),
  -> ADD COLUMN ipaddress VARCHAR(15);
Query OK, 0 rows affected (0.091 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [peralta]> 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, 10 rows affected (0.050 sec)
Rows matched: 10  Changed: 10  Warnings: 0

```

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

```

MariaDB [peralta]> 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	SHANEFILAN@GMAIL.COM	00:11:22:33:44:55	192.168.1.100
2	BRIAN@example.com	00:11:22:33:44:55	192.168.1.100
3	MARK@example.com	00:11:22:33:44:55	192.168.1.100
4	KIAN@example.com	00:11:22:33:44:55	192.168.1.100
5	NICKY@example.com	00:11:22:33:44:55	192.168.1.100
6	BEN@example.com	00:11:22:33:44:55	192.168.1.100
7	PEDOT@example.com	00:11:22:33:44:55	192.168.1.100
8	PEROY@example.com	00:11:22:33:44:55	192.168.1.100
9	CHAKNU@example.com	00:11:22:33:44:55	192.168.1.100
10	RENEJAY@example.com	00:11:22:33:44:55	192.168.1.100

```

10 rows in set (0.000 sec)

```

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

```

MariaDB [peralta]> 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 |
+-----+-----+-----+-----+-----+-----+-----+-----+
| tibo | cruz | omen | San vicente | +639123455789 | 1 | 00:11:22:33:44:55 | 192.168.1.100 |
| kim | clara | barabas | tacloban | +639453455789 | 2 | 00:11:22:33:44:55 | 192.168.1.100 |
| kyle | remo | marcos | ilocos | +639123455756 | 3 | 00:11:22:33:44:55 | 192.168.1.100 |
| lino | gamayon | credo | cagayan | +6391234553 | 4 | 00:11:22:33:44:55 | 192.168.1.100 |
| John | Carter | crodo | San juan | +63322345574 | 5 | 00:11:22:33:44:55 | 192.168.1.100 |
+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.004 sec)

```

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

```

MariaDB [peralta]> 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 |
+-----+-----+-----+-----+-----+-----+-----+-----+
| sheba | paking | kiloy | albuera | +639673455789 | 6 | 00:11:22:33:44:55 | 192.168.1.100 |
| mark | jurial | morimonte | baybay | +639123455756 | 7 | 00:11:22:33:44:55 | 192.168.1.100 |
| lydia | criti | pilapil | cagbuhangin | +639123455734 | 8 | 00:11:22:33:44:55 | 192.168.1.100 |
| anna | castro | lopez | catayum | +6391234553421 | 9 | 00:11:22:33:44:55 | 192.168.1.100 |
| dodong | tumampo | donaire | linao | +639123454589 | 10 | 00:11:22:33:44:55 | 192.168.1.100 |
+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)

```

SUBMITTED BY:DEXTER PERALTA

SUBMITTED TO:MR.CONDES