June-28th SQL Exercise

1. Display the first 10 elements of staff remembers ordered by their first name.

```
mysql> Select * from tbl_Staff Order by FirstName limit 10;
+-------------+----------+-----------+-----------------+----------+------------+--------+----------+------------+----------------+
| registered_by | Staff_ID | FirstName | MiddleName      | LastName | birth_date | Gender | position | hire_date  | current_status |
+-------------+----------+-----------+-----------------+----------+------------+--------+----------+------------+----------------+
|             |       31 | abiy      | ahmed           | Ali`     | 1995-01-04 | male   |          | 0000-00-00 | Active         |
|             |       19 | Dawud     | seifu           | Abdela   | 1978-05-18 | male   | recruit  | 2018-05-18 | Active         |
|             |       21 | efrem     | mulu            | areya    | 1990-03-05 | male   | hr       | 2018-06-01 | Active         |
|             |       25 | genet     | getahunuyyy887  | abebe    | 2018-07-03 | femlae | hr       | 0000-00-00 | Active         |
|             |       26 | genet     | Zewde           | melaku   | 1988-07-04 | femlae | 1        | 0000-00-00 | Active         |
|             |       32 | genet     | mamo            | abebe    | 0000-00-00 | femlae |          | 0000-00-00 | Active         |
|             |       28 | getahun   | mekuria         | abebe    | 1991-01-02 | male   | recruit  | 0000-00-00 | Active         |
|             |       16 | Haben     | Adane           | Mihretu  | 1988-03-03 | male   | 1        | 2018-05-18 | Active         |
|             |       23 | hana      | getahun         | abebe    | 1978-07-01 | femlae | recruit  | 0000-00-00 | Active         |
|             |       27 | hana      | getahun         | man      | 1978-07-01 | femlae | recruit  | 0000-00-00 | Active         |
+-------------+----------+-----------+-----------------+----------+------------+--------+----------+------------+----------------+
10 rows in set (0.02 sec)
```

2. Display the first 2 staff remembers whose first name starts with G or their last name starts with m. Order this result by their first name in X order. Note that X either DESC or ASC.

```
mysql> Select * from tbl_Staff Where(FirstName like 'G%'and LastName like 'm%') Order by FirstName limit 2;
+-------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+
| registered_by | Staff_ID | FirstName | MiddleName | LastName | birth_date | Gender | position | hire_date  | current_status |
+-------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+
|             |       26 | genet     | Zewde      | melaku   | 1988-07-04 | femlae | 1        | 0000-00-00 | Active         |
+-------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+
1 row in set (0.00 sec)
```

3 .Display all staff member whose birth year is between 1988 and 2010.

Select * From `tbl_staff` Where birth_date between '1988-03-01' AND '2010-01-01'

```
mysql> SELECT * FROM tbl_staff Where birth_date BETWEEN '1988-03-01' AND '2010-01-01';
+-------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+
| registered_by | Staff_ID | FirstName | MiddleName | LastName | birth_date | Gender | position | hire_date  | current_status |
+-------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+
|             |       16 | Haben     | Adane      | Mihretu  | 1988-03-03 | male   | 1        | 2018-05-18 | Active         |
|             |       21 | efrem     | mulu       | areya    | 1990-03-05 | male   | hr       | 2018-06-01 | Active         |
|             |       22 | tesfa     | getahun    | abebe    | 1997-07-02 | male   | 1        | 0000-00-00 | Active         |
|             |       26 | genet     | Zewde      | melaku   | 1988-07-04 | femlae | 1        | 0000-00-00 | Active         |
|             |       28 | getahun   | mekuria    | abebe    | 1991-01-02 | male   | recruit  | 0000-00-00 | Active         |
|             |       29 | hana      | mulu       | abebe    | 2010-01-01 | femlae | recruit  | 0000-00-00 | Active         |
|             |       31 | abiy      | ahmed      | Ali`     | 1995-01-04 | male   |          | 0000-00-00 | Active         |
+-------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+
```

4. Count all the staff that have first name Hana.

```
mysql> SELECT COUNT(FirstName) FROM `tbl_staff` WHERE FirstName
+------------------+
| COUNT(FirstName) |
+------------------+
|                4 |
+------------------+
1 row in set (0.00 sec)
```

5. Staff member with an ID 25 has an error when he input his middle name. Remove number (887) from his middle name.

```
mysql> UPDATE `tbl_staff` SET MiddleName='getahunuyyy' WHERE MiddleName = 'getahunuyyy887';
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

6. Add yourself as a new staff member.

```
mysql> INSERT INTO `tbl_staff`(`registered_by`,`Staff_ID`,`FirstName`,`MiddleName`,`LastName`,`birth_date`,`Gender`,`position`,`hire_date`,`current_status`) VALUES('me','138','redeat','Tsegaye','Bekele','1988-01
-09','female','student','1988-08-8','redi');
Query OK, 1 row affected (0.01 sec)
```

7. Join staff and user table on Staff_ID.

```
mysql> SELECT * FROM `tbl_staff` JOIN `tbl_users` ON tbl_staff.Staff_ID =tbl_users.Staff_ID
    -> ;
+--------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+-----------+----------+----------+----------+
| registered_by | Staff_ID | FirstName | MiddleName | LastName | birth_date | Gender | position | hire_date  | current_status | AccountID | Staff_ID | Username | password |
|               |          | Account_status | Date_created |      | Role_id | creator_admin_id |
+--------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+-----------+----------+----------+----------+
|               | 22 | tesfa   | Getahunn   | abebe    | 1997-07-02 | male   | 1        | 0000-00-00 | Active         | 27        | 22 | tesfa | $2y$12$42SRqQq7.UdQ7tjlot5zaOkstFUXH0pqlQ
BmANUCxJFoAMzhl0Rxq | suspended | 2019-01-27 01:29:53 | 1 | 24 |
|               | 31 | abiy    | ahmed      | Ali`     | 1995-01-04 | male   |          | 0000-00-00 | Active         | 28        | 31 | abiy | $2y$12$MLDPgAxI/Daqkfxr77iAweAXpVRczQwE8d
nEtosMjxemZBbCw2oAG | suspended | 2019-01-27 01:30:58 | 2 | 24 |
|               | 19 | Dawud   | seifu      | Abdela   | 1978-05-18 | male   | recruit  | 2018-05-18 | Active         | 29        | 19 | brsh | $2y$12$.BYd31CrCKVlc1gNM56fTOzXeiBTXurMQU
yTD05ZBn3L8Y02tsQhu | Active    | 2019-01-27 01:41:07 | 2 | 24 |
|               | 28 | getahun | mekuria    | abebe    | 1991-01-02 | male   | recruit  | 0000-00-00 | Active         | 30        | 28 | getu | $2y$12$Tc81nr3PIG14njSiFDHs6eSOEcw5cvkxD1
QfZULtTscOYN1zR8ary | Active   | 2019-02-19 08:01:14 | 1 | 22 |
|               | 32 | genet   | mamo       | abebe    | 0000-00-00 | femlae |          | 0000-00-00 | Active         | 31        | 32 | geni | $2y$12$q.iB6wtZxv6U7ebTupua4uhJEkjz1Obs.n
nIYwcjYVsQw1h9OVqby | Active  | 2019-02-19 08:03:18 | 2 | 28 |
|               | 33 | michael | mele989898989898se | abc | 2019-03-05 | male |       | 0000-00-00 | Active         | 32        | 33 | miki | $2y$12$DD.Ja/H6jnANI5pYpgBEbOGPl4W5rWpjPM
3zfKQRMvlSyNJKXG4CS | Active  | 2019-03-19 12:28:25 | 1 | 22 |
+--------------+----------+-----------+------------+----------+------------+--------+----------+------------+----------------+-----------+----------+----------+----------+
6 rows in set (0.01 sec)
```