

CSE 370: Database Systems

Lab No - 01

Submitted by

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<u>Task 1</u>

Before Creating The Database

After Creating The Database

```
MariaDB [(none)]> SELECT assignment one;
ERROR 1054 (42S22): Unknown column 'assignment one' in 'field list'
MariaDB [(none)]> USE assignment one;
Database changed
MariaDB [assignment one]> CREATE TABLE Developers(
    -> member id INT,
    -> name VARCHAR(30),
    -> email VARCHAR(40),
    -> influenece count INT,
    -> Joining date DATE,
    -> multiplier INT);
Query OK, 0 rows affected (0.014 sec)
MariaDB [assignment one]> SHOW TABLES;
| Tables in assignment one |
| Developers
1 row in set (0.001 sec)
```

After Creating Table Called Developers

Adding Values to Database Table

Task 2

Task 3

Task 4

Task 5

Task 6

Task 7

```
MariaDB [assignment_one]> SELECT AVG(followers) AS average_follower

-> FROM Developers
-> WHERE joining_date < '2020-06-11';

+-----+
| average_followers |
+-----+
| 737515.6667 |
+-----+
1 row in set (0.001 sec)
```

Task 8

```
MariaDB [assignment one]> SELECT member id, name, email, followers
     -> FROM Developers
     -> WHERE email LIKE '%.com' OR email LIKE '%.net';
  member_id | name | email
                                                                          | followers
                                                                            739370
            1 | Taylor Otwell | otwell@laravel.com
                                       | eich@javascript.com
           3 | Brendan Eich | eich@javascript.com |
6 | Rasmus Lerdorf | lerdorf@php.net |
8 | Adrian Holovaty | adrian@djangoproject.com |
9 | Simon Willison | simon@djangoproject.com |
10 | James Gosling | james@java.com |
                                                                              939580
                                                                               937937
                                                                              570734
                                                                              864625
                                                                                719501
           12 | Satoshi Nakamoto | nakamoto@blockchain.com
                                                                               630498
  rows in set (0.001 sec)
```