CSE370: Database Systems

Assignment 01 | Fall 2024

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```
No 1 Query
                        CREATE DATABASE Google 22201998;
(as Plain Text)
                        USE Google 22201998;
                        CREATE TABLE Developers (
                          member id INT,
                          name VARCHAR(20),
                          email VARCHAR(40),
                          influence count INT,
                          Joining date DATE,
                          multiplier INT
                          );
                        INSERT INTO Developers VALUES
                          (1, "Taylor Otwell", "otwell@laravel.com", 739360, "2020-6-10", 10),
                          (2, "Ryan Dahl", "ryan@nodejs.org", 633632, "2020-04-22", 10),
                          (3, "Brendan Eich", "eich@javascript.com", 939570, "2020-05-07", 8),
                          (4, "Evan You", "you@vuejs.org", 982630, "2020-06-11", 7),
                          (5, "Rasmus Lerdorf", "lerdorf@php.net", 937927, "2020-06-3", 8),
                          (6, "Guido van Rossum", "guido@python.org", 968827, "2020-07-18", 19),
                          (7, "Adrian Holovaty", "adrian@djangoproject.com", 570724, "2020-05-07", 5),
                          (8, "Simon Willison", "simon@djangoproject.com", 864615, "2020-04-30", 4),
                          (9, "James Gosling", "james@java.com", 719491, "2020-05-18", 5),
                          (10, "Rod Johnson", "rod@spring.io", 601744, "2020-05-18", 7),
                          (11, "Satoshi Nakamoto", "nakamoto@blockchain.com", 630488, "2020-05-10", 10);
```

```
No 1 SS
(of Query & Output
in Shell)
```

```
XAMPP for Windows - mysql × + v
 MariaDB [(none)] > CREATE DATABASE Google_22201998;
 Query OK, 1 row affected (0.002 sec)
 MariaDB [(none)]> USE Google_22201998;
 Database changed
 MariaDB [Google_22201998]> CREATE TABLE Developers (
      -> member_id INT,
      -> name VARCHAR(20)
      -> email VARCHAR(40),
      -> influence_count INT,
      -> Joining_date DATE,
      -> multiplier INT
 Query OK, 0 rows affected (0.012 sec)
 MariaDB [Google_22201998]> INSERT INTO Developers VALUES
    riaDB [Google_22201998]> INSERT INTO Developers VALUES

-> (1, "Taylor Otwell", "otwell@laravel.com", 739360, "2020-6-10", 10),

-> (2, "Ryan Dahl", "ryan@nodejs.org", 633632, "2020-04-22", 10),

-> (3, "Brendan Eich", "eich@javascript.com", 939570, "2020-06-0", 8),

-> (4, "Evan You", "you@vuejs.org", 982630, "2020-06-11", 7),

-> (5, "Rasmus Lerdorf", "lerdorf@php.net", 937927, "2020-06-3", 8),

-> (6, "Guido van Rossum", "guido@python.org", 968827, "2020-07-18", 19),

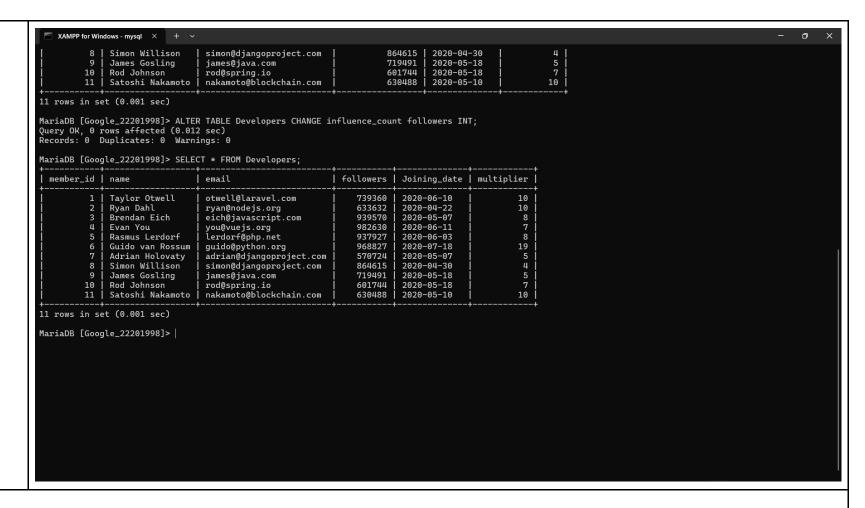
-> (7, "Adrian Holovaty", "adrian@djangoproject.com", 570724, "2020-05-07", 5),

-> (8, "Simon Willison", "simon@djangoproject.com", 864615, "2020-04-30"
(0, Simon (0), 4),
, 4),
-> (9, "James Gosling", "james@java.com", 719491, "2020-05-18", 5),
-> (10, "Rod Johnson", "rod@spring.io", 601744, "2020-05-18", 7),
-> (11, "Satoshi Nakamoto", "nakamoto@blockchain.com", 630488, "2020-05-10", 10);
Query OK, 11 rows affected (0.053 sec)
 MariaDB [Google_22201998] > SELECT * FROM Developers;
   member_id | name
                                                    email
                                                                                              | influence_count | Joining_date | multiplier |
               1 | Taylor Otwell
2 | Ryan Dahl
3 | Brendan Eich
4 | Evan You
                                                     otwell@laravel.com
                                                                                                               739360 | 2020-06-10
                                                    ryan@nodejs.org
                                                                                                               633632
                                                                                                                            2020-04-22
                                                                                                                                                                  10
                                                    eich@javascript.com
                                                                                                              939570 | 2020-05-07
                                                     you@vuejs.org
                                                                                                              982630
                                                                                                                            2020-06-11
                      Rasmus Lerdorf
                                                     lerdorf@php.net
                                                                                                               937927
                                                                                                                            2020-06-03
                                                    guido@python.org
                      Guido van Rossum
                                                                                                              968827 İ
                                                                                                                            2020-07-18
                      Adrian Holovaty
                                                    adrian@djangoproject.com
                                                                                                              570724 | 2020-05-07
                      Simon Willison
                                                     simon@djangoproject.com
                                                                                                               864615
                                                                                                                            2020-04-30
                     James Gosling
                                                     james@java.com
                                                                                                              719491 | 2020-05-18
                     Rod Johnson
                                                     rod@spring.io
                                                                                                              601744
                                                                                                                            2020-05-18
                     Satoshi Nakamoto
                                                     nakamoto@blockchain.com
                                                                                                              630488
                                                                                                                            2020-05-10
                                                                                                                                                                 10
```

No 2 Query (as Plain Text)

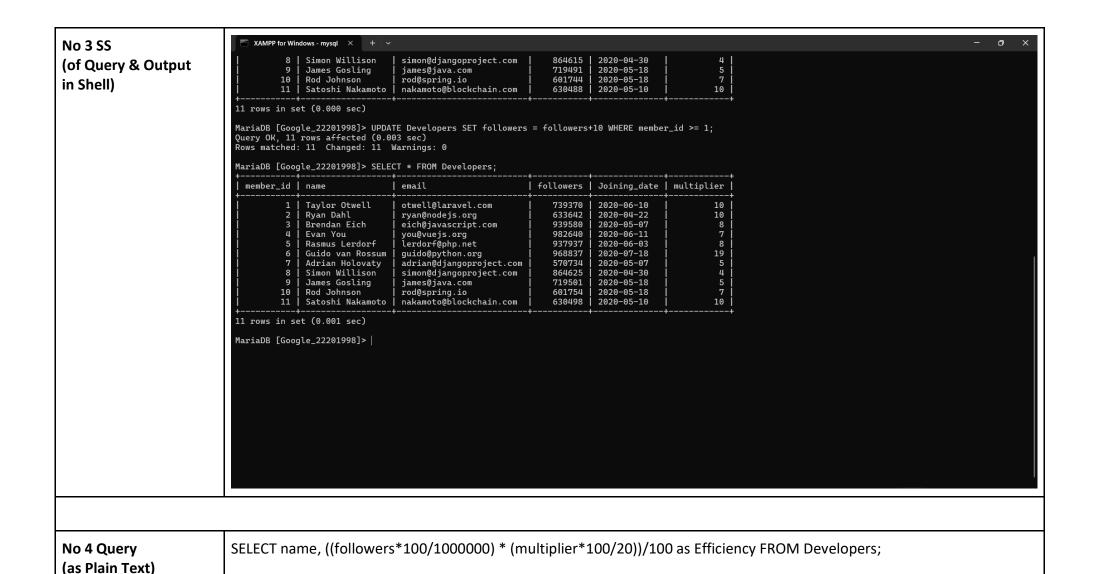
ALTER TABLE Developers CHANGE influence_count followers INT;





No 3 Query (as Plain Text)

UPDATE Developers SET followers = followers+10 WHERE member id >= 1;





(as Plain Text)					
No 6 SS	MariaDB [Goog	le_22201998]> SELE	CT member_id, name, email,	followers FROM	Developers WHERE email LIKE "%.com" OR email LIKE "%.net
(of Query & Output in Shell)	member_id name	email	followers		
	1 1 3 3 5 5 7 1 8 8 9 9 1 11 1 1 1 1 7 rows in set		otwell@laravel.com eich@javascript.com lerdorf@php.net adrian@djangoproject.com simon@djangoproject.com james@java.com nakamoto@blockchain.com	++ 739370 939580 937937 570734 864625 719501 630498 +	739370 939580 937937 570734 864625 719501
No 7 Query (as Plain Text)					