CSE370

Lab Homework:01

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Section: 08

#Task_01

Command:

Create database Developers;

Create Table Developers(member_id INT PRIMARY KEY,

    ->   name VARCHAR(255),

    ->   email VARCHAR(255),

    ->   influence_count INT,

    ->   joining_date DATE,

    ->   multiplier INT

    ->);

Insert into Developers (member_id, name, email, influence_count, joining_date, multiplier)

    -> VALUES

    -> (1, 'Taylor Otwell', 'otwell@laravel.com', 739360, '2020-06-10', 10),

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

    -> (3, 'Brendan Eich', 'eich@javascript.com', 939570, '2020-05-07', 8),

    -> (5, 'Evan You', 'you@vuejs.org', 982630, '2020-06-11', 7),

    -> (6, 'Rasmus Lerdorf', 'lerdorf@php.net', 937927, '2020-06-03', 8),

    -> (7, 'Guido van Rossum', 'guido@python.org', 968827, '2020-07-18', 19),

    -> (8, 'Adrian Holovaty', 'adrian@djangoproject.com', 570724, '2020-05-07',5),

    -> (9, 'Simon Willison', 'simon@djangoproject.com', 864615, '2020-04-30', 4),

    -> (10, 'James Gosling', 'james@java.com', 719491, '2020-05-18', 5),

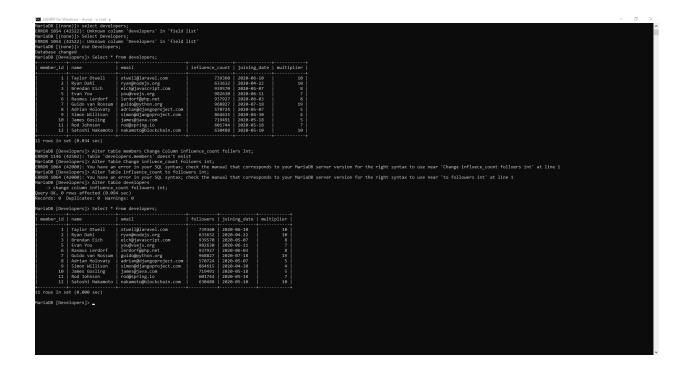   -> (11, 'Rod Johnson', 'rod@spring.io', 601744, '2020-05-18', 7),

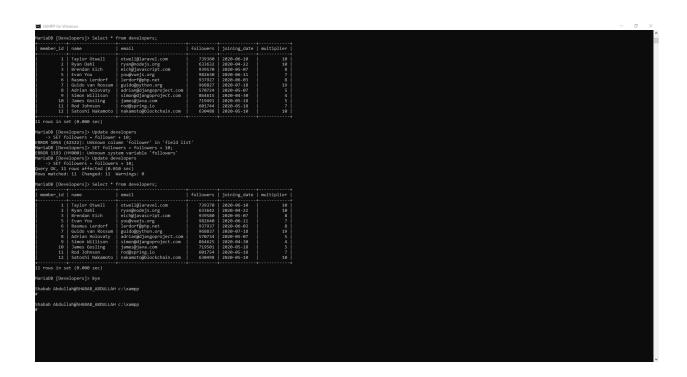   -> (12, 'Satoshi Nakamoto', 'nakamoto@blockchain.com', 630488, '2020-05-10', 10);

Screenshot:

#Task_02

Command:

Alter table developers

-> change column influence_count followers int;

Screenshot:

#Task_03

Command:

Update developers

-> SET followers = followers + 10;

Screenshot:

#Task_04

Command:

Select name,email,followers from developers;

Screenshot:

#Task_05

Command:

Select name, ((followers*100/1000000) * (multiplier*100/20))/100 as efficiency from developers;

Screenshot: