Lab Assignment 01

CSE370, Section-03

Summer-2024

S. M. Ababil Islam

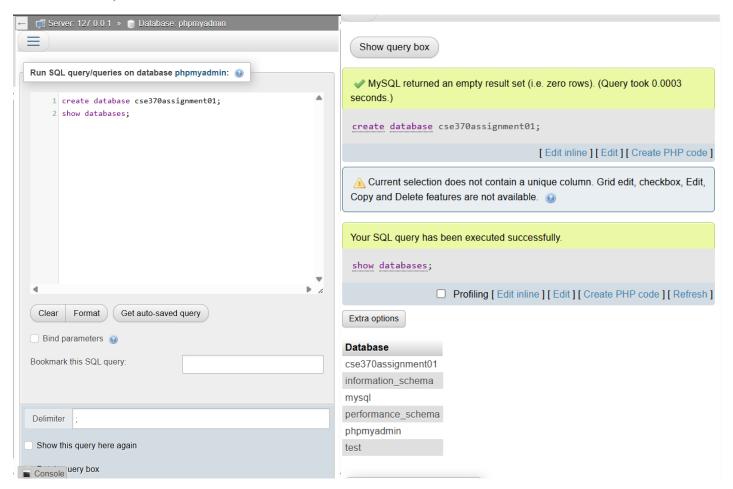
ID. 22301182

Answer of Task-01:

Step-01:

create database cse370assignment01;

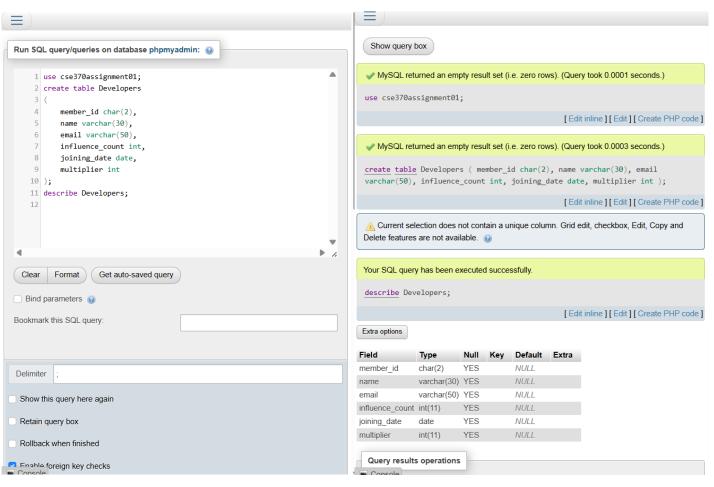
show databases;



```
Step-02:
use cse370assignment01;
create table Developers
(
member_id char(2),
name varchar(30),
email varchar(50),
influence_count int,
joining_date date,
multiplier int
```

describe Developers;

);

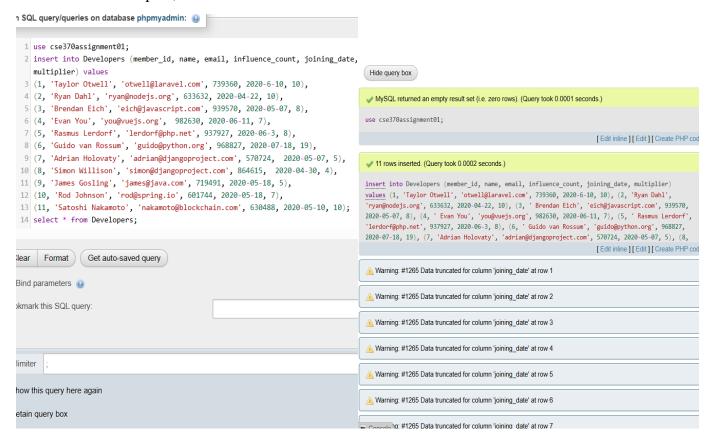


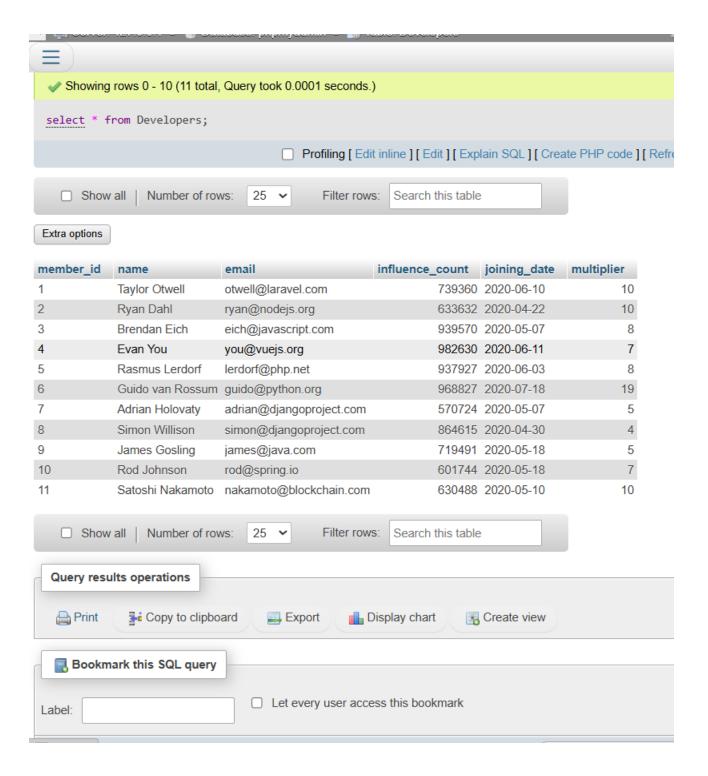
Step-03:

insert into Developers (member_id, name, email, influence_count, joining_date, multiplier) 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);

select * from Developers;

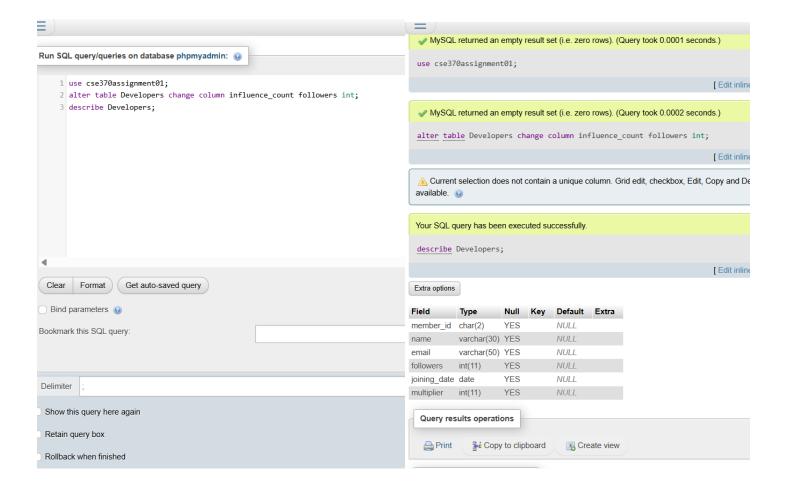




use cse370assignment01;

alter table Developers change column influence_count followers int;

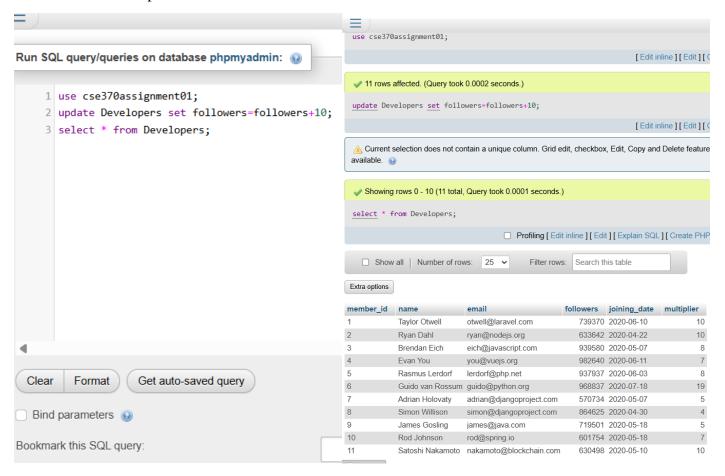
describe Developers;



use cse370assignment01;

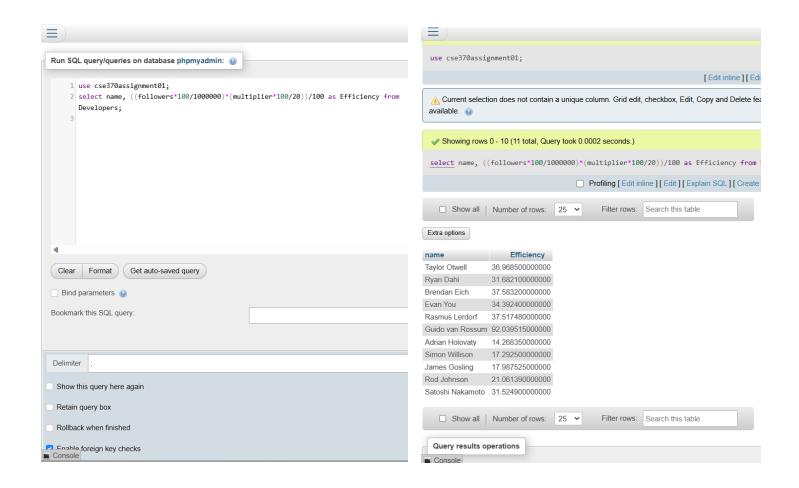
update Developers set followers=followers+10;

select * from Developers;



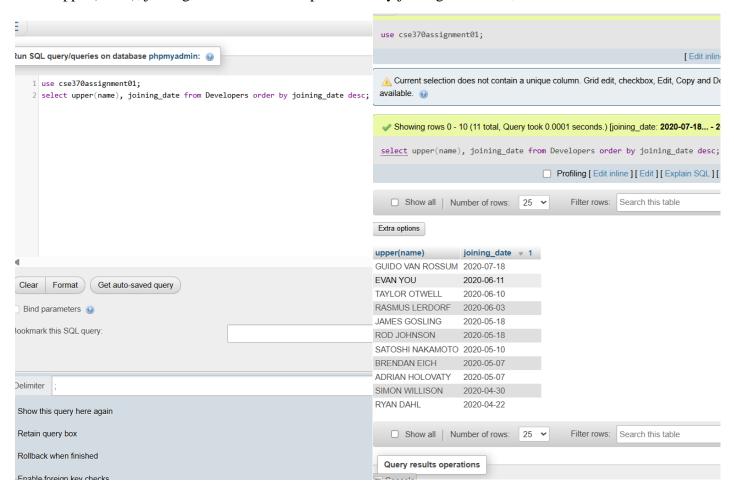
use cse370assignment01;

select name, ((followers*100/1000000)*(multiplier*100/20))/100 as Efficiency from Developers;



use cse370assignment01;

select upper(name), joining_date from Developers order by joining_date desc;



use cse370assignment01;

select member_id, name, email, followers from Developers where email like '%.com' or email like '%.net';

