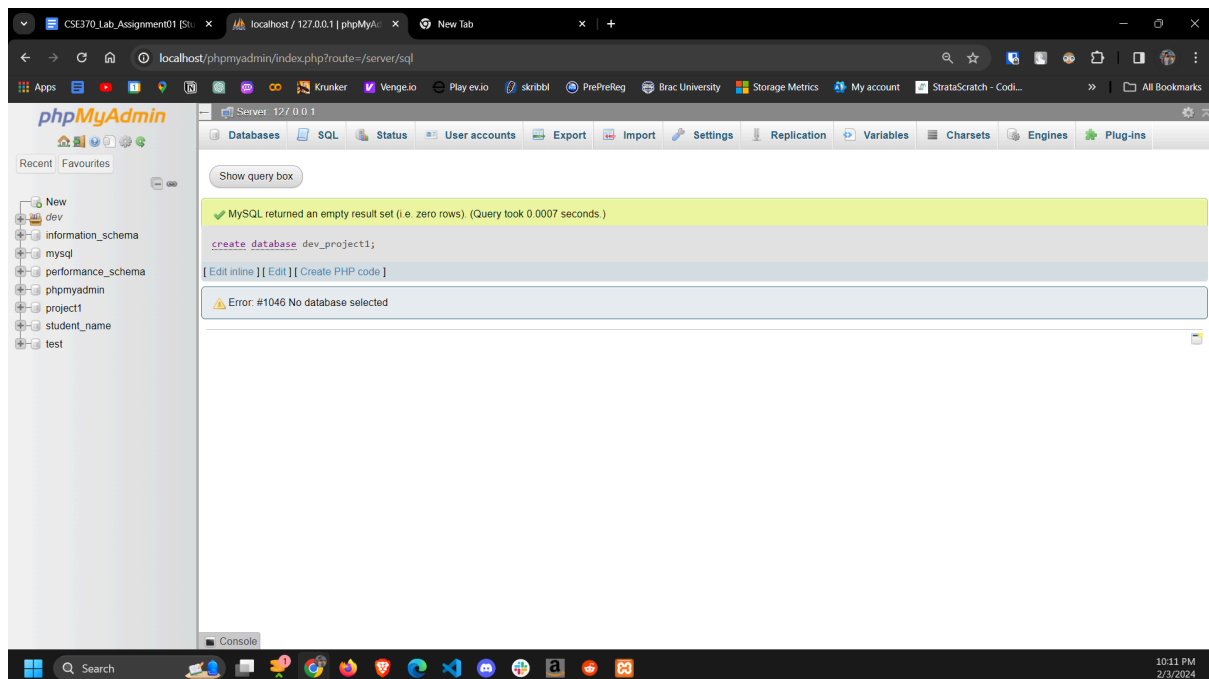
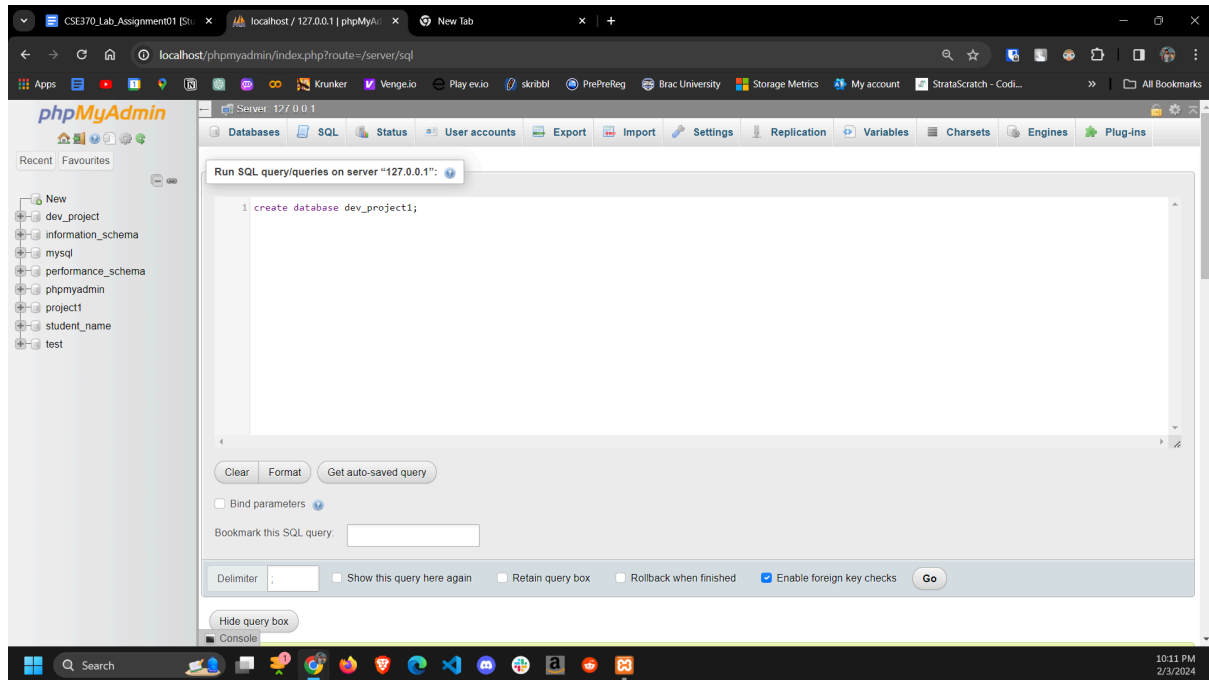


Task 1: Create the above table with the appropriate data type for each column.

create database dev_project1;

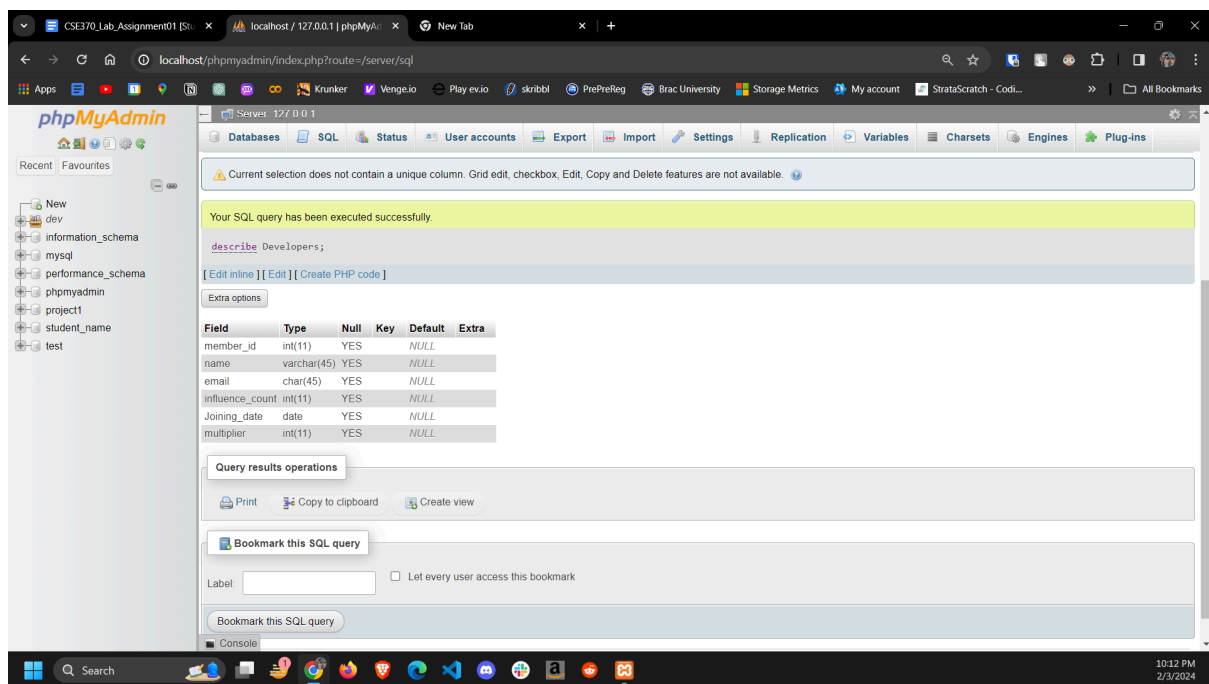
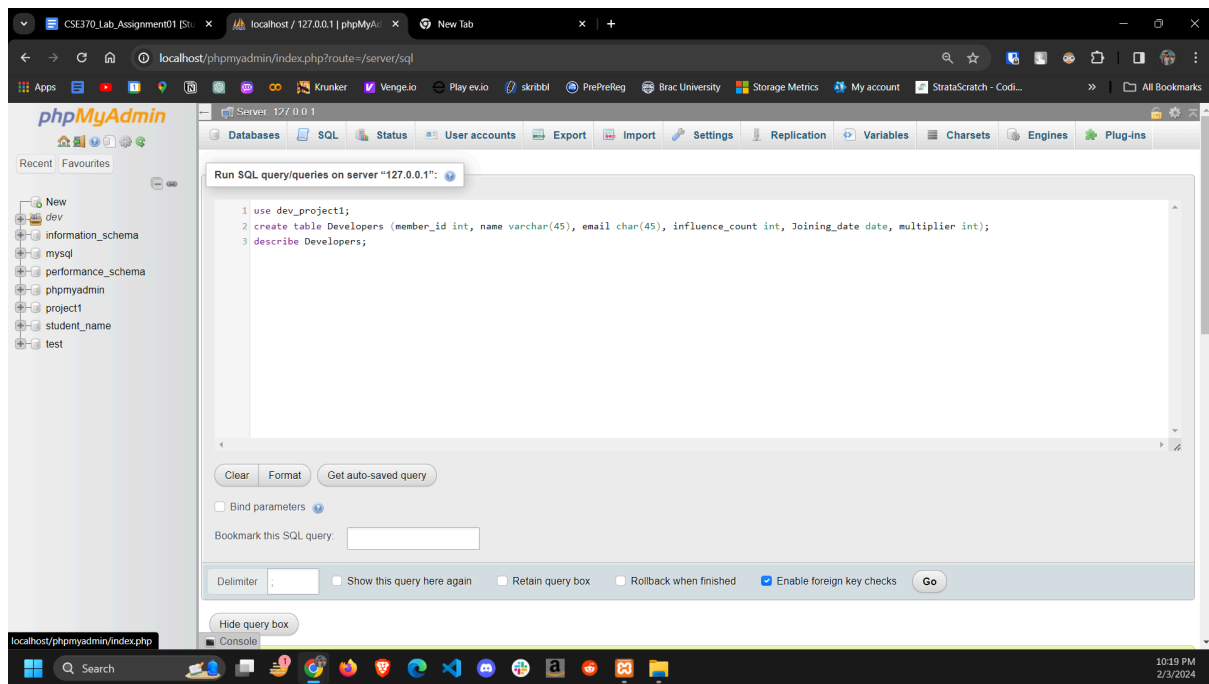


Creating table with Data Types:

use dev_project1;

create table Developers (member_id int, name varchar(45), email char(45), influence_count int, Joining_date date, multiplier int);

describe Developers;

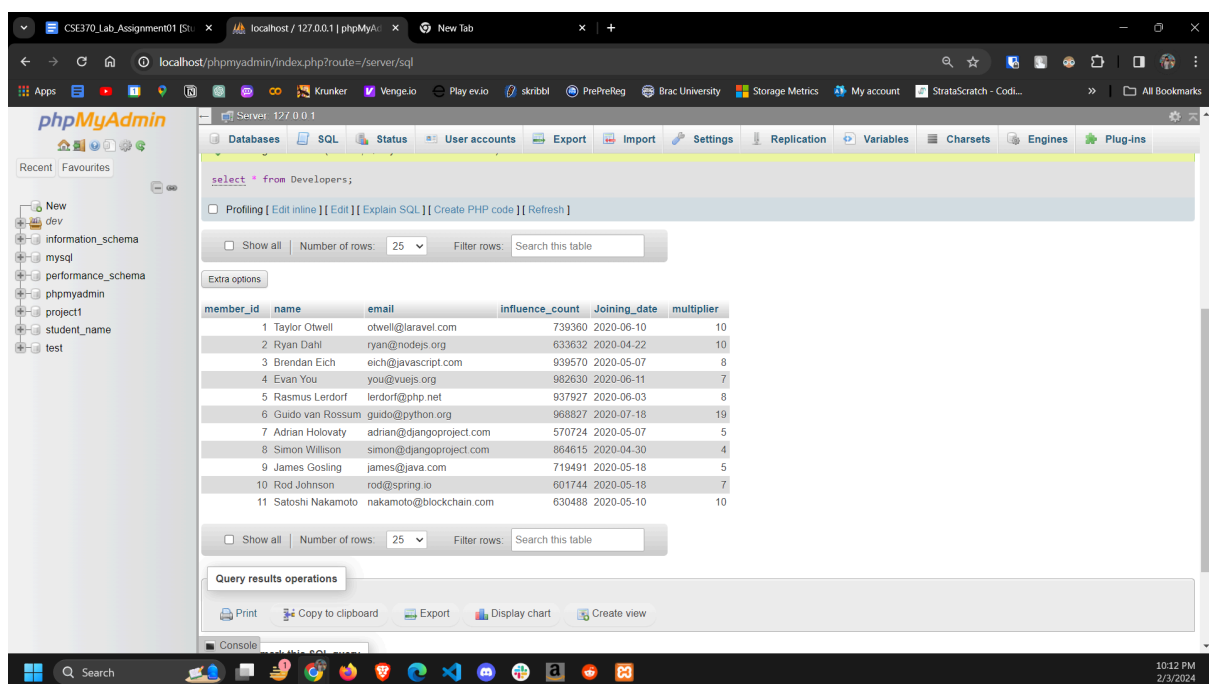
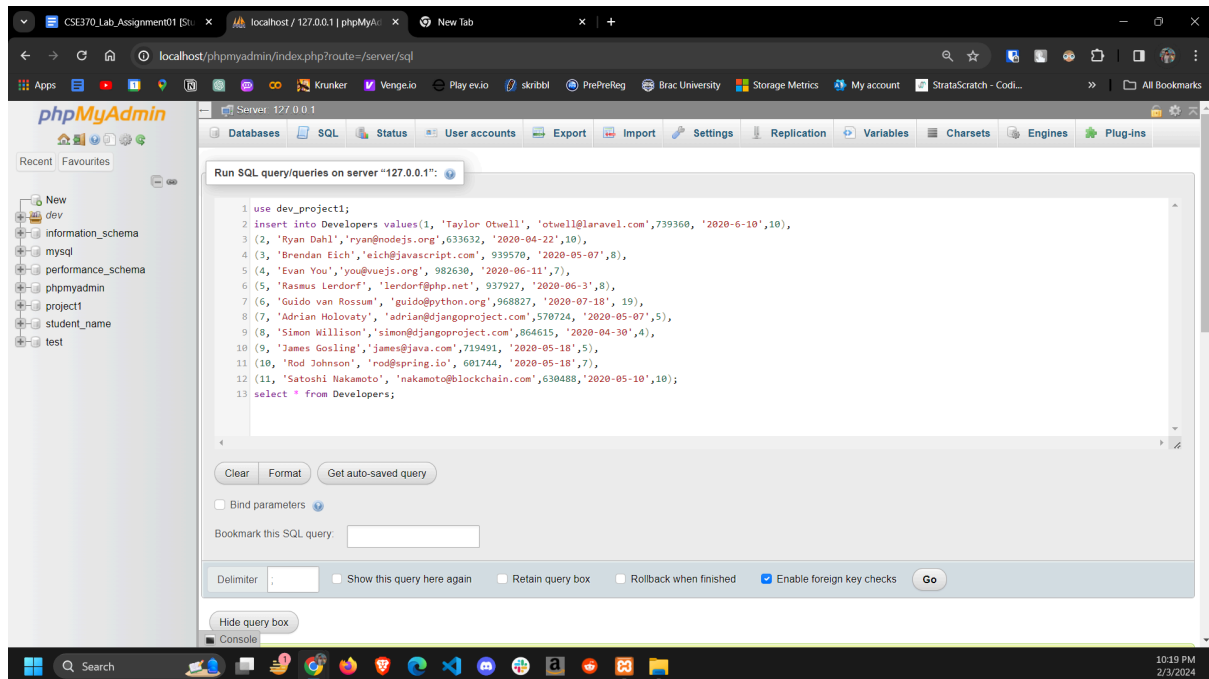


Inserting data into table:

use dev_project1;

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@djangooproject.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;
```

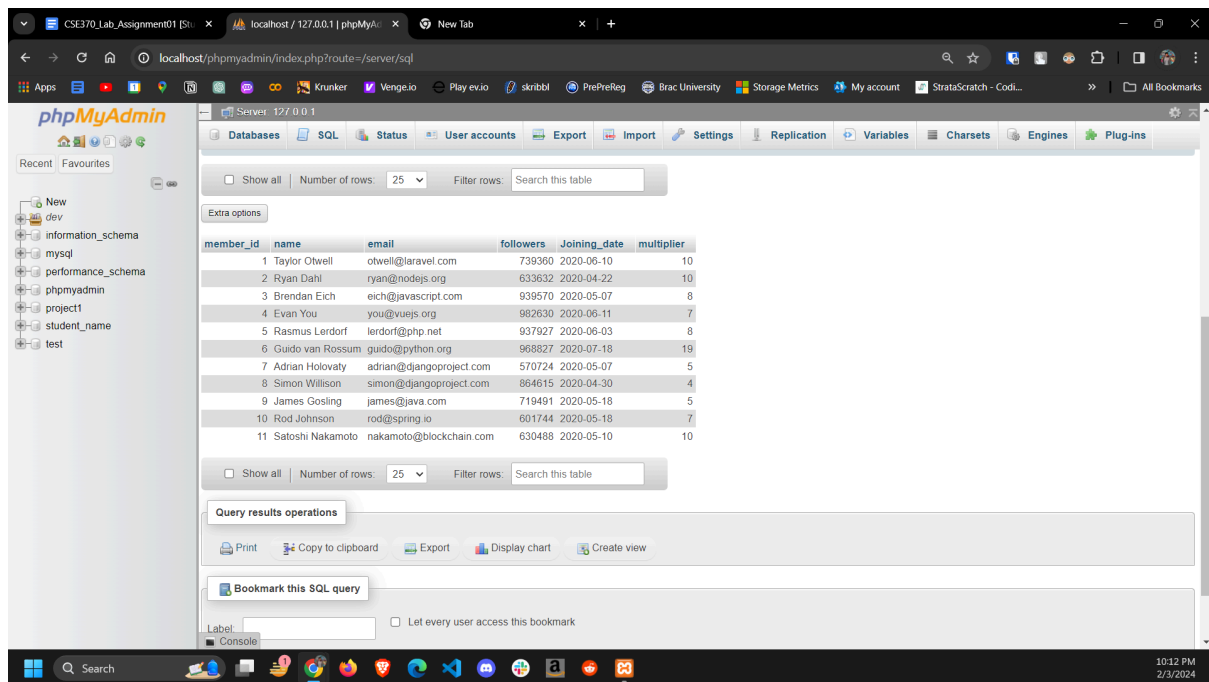
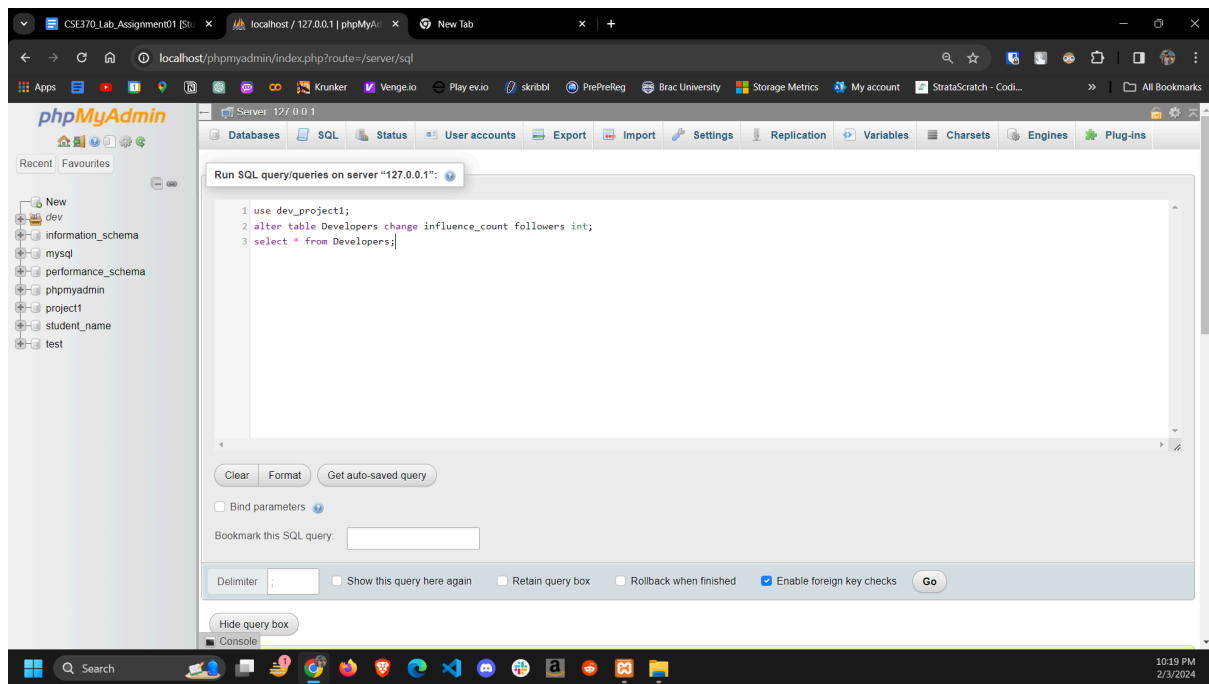


Task 2: Change the column name "influence_count". The new name should be "followers," and the data type should be integer.

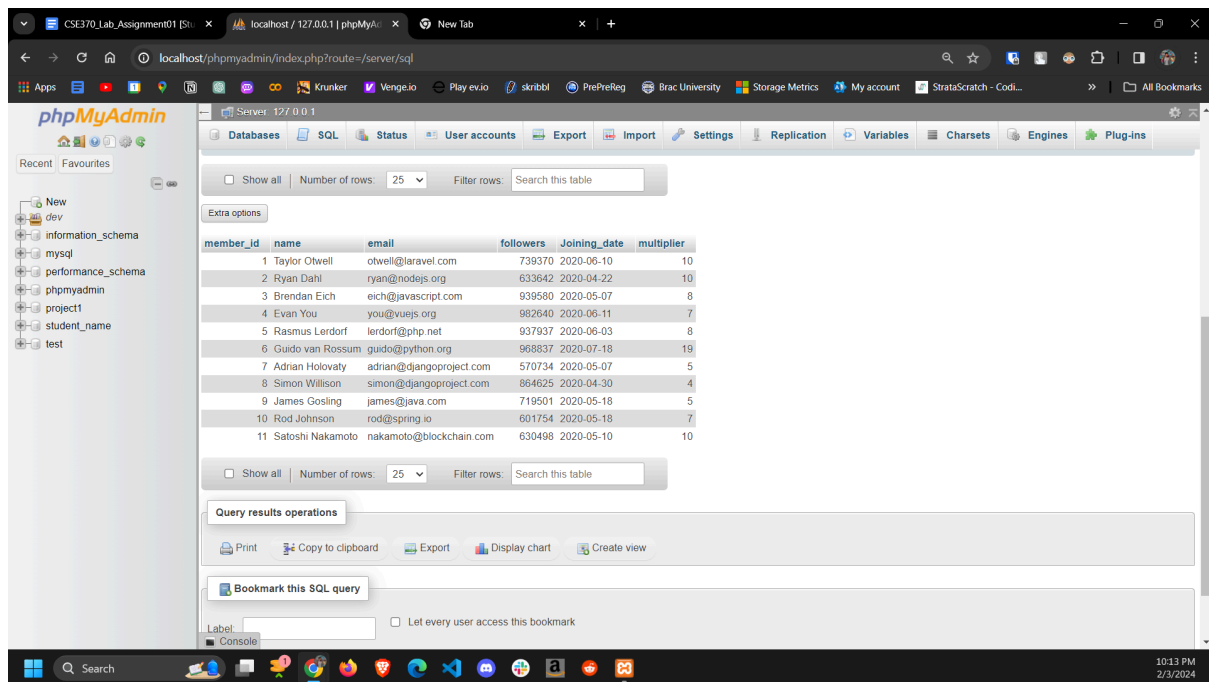
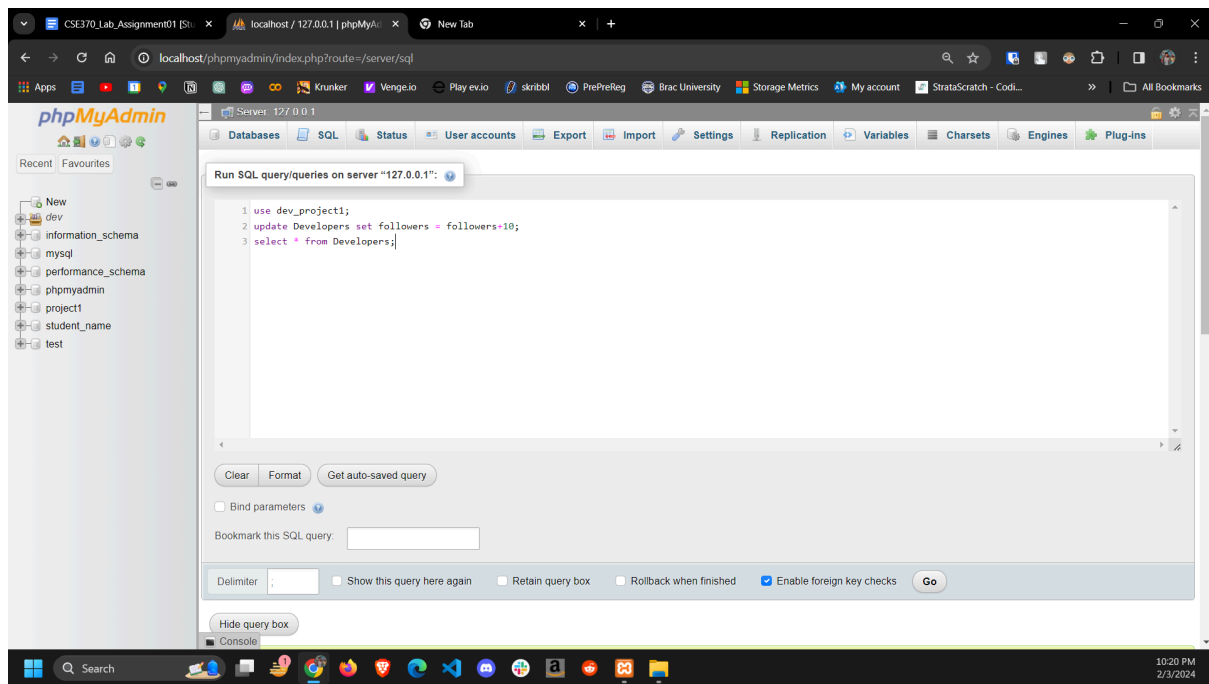
use dev_project1;

alter table Developers change influence_count followers int;

select * from Developers;



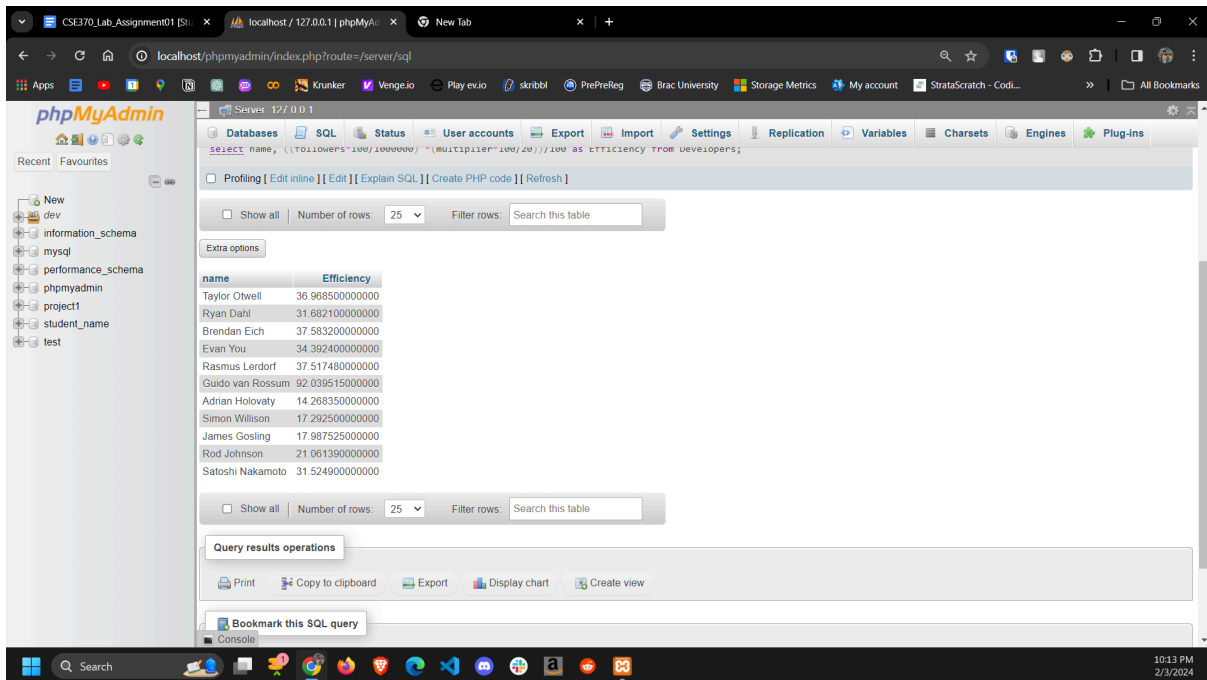
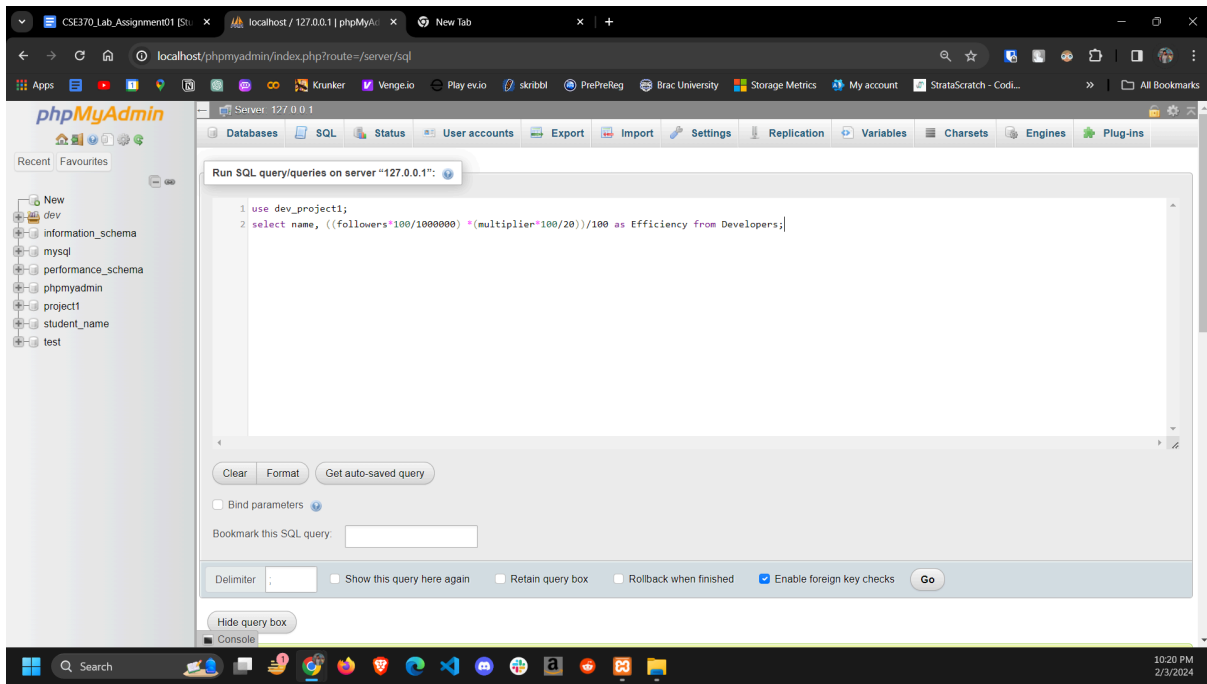
Task 3: Update the number of followers of each developer by +10.
 use dev_project1;
 update Developers set followers = followers+10;
 select * from Developers;



Task 4: There is a formula to find the efficiency of the developers. $\text{Efficiency} = ((\text{followers} * 100 / 1000000) * (\text{multiplier} * 100 / 20)) / 100$. Show the efficiency of each developer in a column named "Efficiency" along with their name.

use dev_project1;

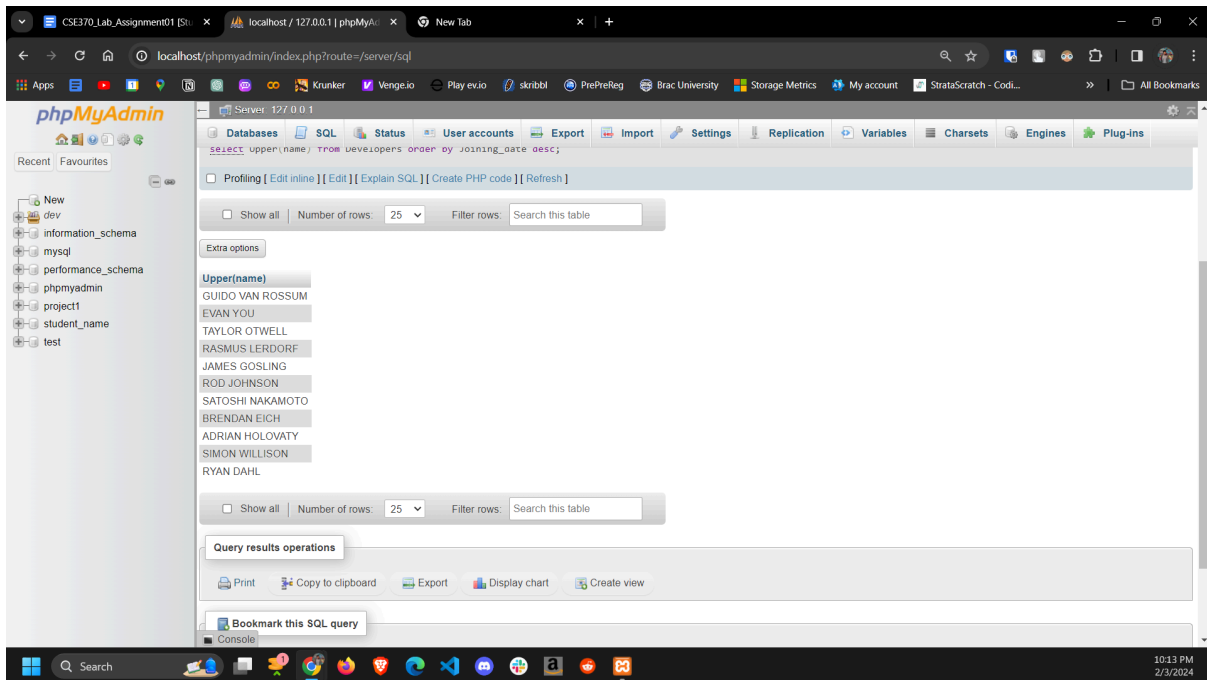
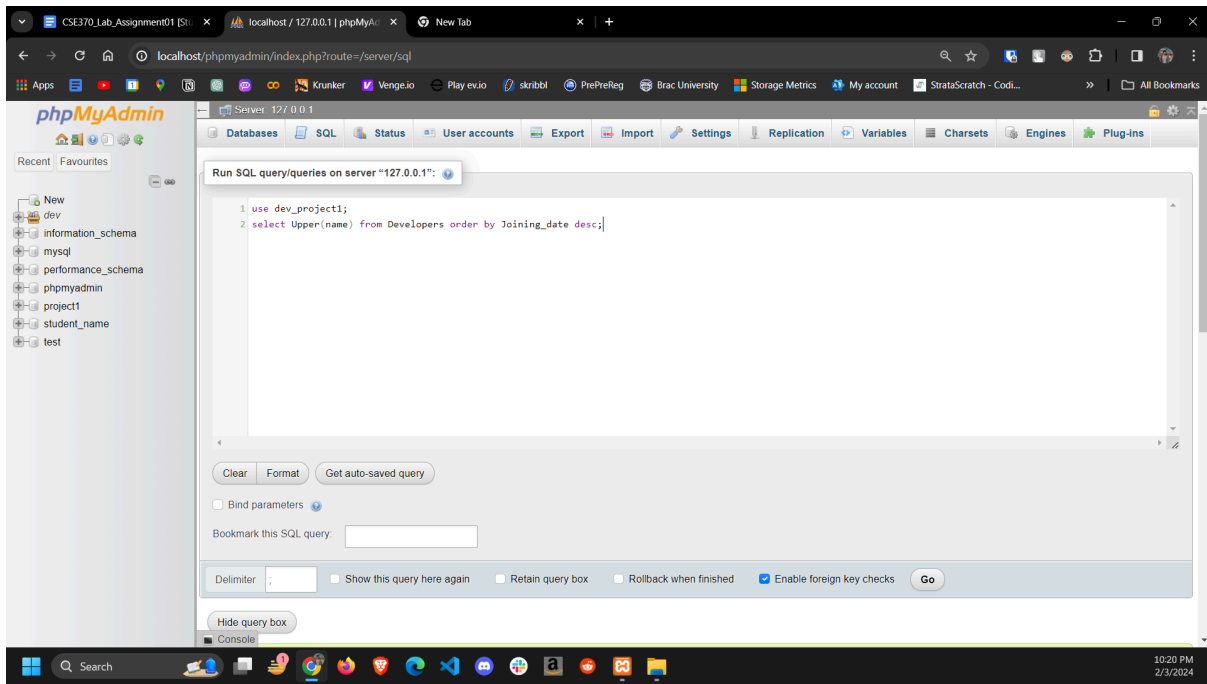
select name, $((\text{followers} * 100 / 1000000) * (\text{multiplier} * 100 / 20)) / 100$ as Efficiency from Developers;



Task 5: Show the name of the developers in UpperCase and the descending order of their Joining_date.

use dev_project1;

select Upper(name) from Developers order by Joining_date desc;



Task 6: Retrieve the member_id, name, email and followers of the developers who have either ".com" or ".net" in their email address.

use dev_project1;

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

localhost/phpmyadmin/index.php?route=/server/sql

Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines Plug-ins

Run SQL query/queries on server "127.0.0.1":

```
1 use `dev_project1`;  
2 select member_id, name, email, followers from Developers where email like '%.com' or email like '%.net';
```

Clear Format Get auto-saved query

☐ Bind parameters

Bookmark this SQL query

Delimiter: Show this query here again ☐ Retain query box ☐ Rollback when finished ☒ Enable foreign key checks Go

Hide query box

Console

10:20 PM
2/3/2024

localhost/phpmyadmin/index.php?route=/server/sql

Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines Plug-ins

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

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all Number of rows: 25 Filter rows: Search this table

Extra options

member_id	name	email	followers
1	Taylor Otwell	otwell@laravel.com	739370
3	Brendan Eich	eich@javascript.com	939590
5	Rasmus Lerdorf	lerdorf@php.net	937937
7	Adrian Holovaty	adrian@django-project.com	570734
8	Simon Willison	simon@django-project.com	864625
9	James Gosling	james@java.com	719501
11	Satoshi Nakamoto	nakamoto@blockchain.com	630498

☐ Show all Number of rows: 25 Filter rows: Search this table

Query results operations

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Console

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