­­­­ **homework1**

--> at first I will log in

mysql -u root -p  
password: "" (blank string)

--> then I will create a database named "developers"

create database developers;

--> then I will use this database

use developers;

--> then I will create a table named "users" in this database

create table users (

-> member\_id char (4),

-> name varchar (30),

-> email varchar (30),

-> influence\_count int,

-> member\_since date,

-> multiplier int);

--> then I will insert the data in the table

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

-> ('2', 'Ryan Dahi', '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', 982660, '2020-06-11', 7),

-> ('6', 'Rasms Lerdof', '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);

--> Task 01: changing the column name of "influence-count"

ALTER TABLE users CHANGE influence\_count followers int;

--> Task 02: changing the column name of "member\_since"

ALTER TABLE users CHANGE member\_since joining\_date date;

--> Task 03: showing the name, email and follower number of the developers

Select name, email, followers from users;

--> Task 04: showing the efficiency of each developer as "Efficiency" with their name

Select name, ((followers\*100/1000000) \* (multiplier\*100/20))/100 as Efficiency from users;

--> Task 05: changing the data type of "multiplier"

ALTER TABLE users MODIFY COLUMN multiplier char (20);