**Task 1**

1. SHOW Databases;
2. CREATE Database assignment\_one;
3. CREATE TABLE Developers(

member\_id INT,

name VARCHAR(30),

email VARCHAR(40),

influenece\_count INT,

Joining\_date DATE,

multiplier INT);

1. 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),

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

(6,'Rasmus Lerdorf','lerdorf@php.net',937927,'2020-06-3',8),

(7,'Guido van Rossum','[guido@python.org](mailto:guido@python.org)',968827,'2020-07-18',19),

(8,'Adrian Holovaty','[adrian@djangoproject.com](mailto: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](mailto:nakamoto@blockchain.com)',630488,'2020-05-10',10);

**Task 2**

ALTER TABLE Developers CHANGE COLUMN influenece\_count followers INT;

**Task 3**

UPDATE Developers SET followers = followers+10;

**Task 4**

SELECT name, ((followers \* 100 / 1000000) \* (multiplier \* 100 / 20)) / 100 AS Efficiency FROM Developers;

**Task 5**

SELECT name, email, followers

FROM Developers

ORDER BY followers DESC

LIMIT 5;

**Task 6**

SELECT name

FROM Developers

WHERE followers < 700000

AND multiplier = (SELECT MAX(multiplier) FROM Developers WHERE followers < 700000);

**Task 7**

SELECT AVG(followers) AS average\_followers

FROM Developers

WHERE joining\_date < '2020-06-11';

**Task 8**

SELECT member\_id, name, email, followers

FROM Developers

WHERE email LIKE '%.com' OR email LIKE '%.net';