Answer No. 1:

create database Ridwanul Islam;

use Ridwanul Islam;

create table Developers(member_id int, name varchar(20), email varchar(30), 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,'2020-6-10',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', 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);

Select * from Developers;

abase cha iaDB [Rio ry OK, 0						
ry OK, 0		e table Developers(member_io				
	rows affected (0.56		d int, name varcha	r(20), email va	rchar(30), in	fluence_count int, Joining_date date, multiplier int);
iaDB [Rio		l sec)				
ido van I es Gosli ry OK, 1: ords: 11 iaDB [Ri	'2020-04-22',10), (3 Rossum','guido@pytho ng','james@java.com' l rows affected (0.1 Duplicates: 0 War dwanul_Islam]> Selec	,'Brendan Eich','eich@javas n.org',968827,'2020-07-18', ,719491,'2020-05-18',5), (1: 29 sec)	cript.com',939570, 19), (8,'Adrian Ho 1,'Rod Johnson','ro	'2020-05-07',8) lovaty','adrian od@spring.io',6	, (5,'Evan Yo @djangoprojec	plier) values (1, 'Taylor Otwell', 'otwell@laravel.com',793560, '2020-6-10',10), (2, 'Nyan Dahl', 'rya wi', 'you@wuis-0,n', '926260, '2020-6-11', '), (6, 'Basmus Lendor', 'lendorf@php.net', '937927, '2020-6-1t.com',50724, '2020-05-07',5), (9, 'Simon Willison', 'simon@djangoproject.com',804615, '2020-04-30' 5-18',7), (12, 'Satoshi Nakamoto', 'nakamoto@blockchain.com',630488, '2020-05-10',10);
		email	influence count			
ember_id	name	email	. Inituence_count	Joining_date	multiplier	
ember_id 1	Taylor Otwell	otwell@laravel.com	739360	2020-06-10	10	
ember_id 1 2	Taylor Otwell Ryan Dahl	otwell@laravel.com ryan@nodejs.org	739360 633632	2020-06-10 2020-04-22	10 10	
ember_id 1 1 2 3	Taylor Otwell Ryan Dahl Brendan Eich	otwell@laravel.com otwell@laravel.com ryan@nodejs.org eich@javascript.com	739360 633632 939570	2020-06-10 2020-04-22 2020-05-07	10 10 8	
ember_id 1 2 3 5	Taylor Otwell Ryan Dahl Brendan Eich Evan You	otwell@laravel.com ryan@nodejs.org eich@javascript.com you@vuejs.org	739360 633632 939570 982630	2020-06-10 2020-04-22 2020-05-07 2020-06-11	10 10 8 7	
ember_id 1 2 3 5 6	Taylor Otwell Ryan Dahl Brendan Eich Evan You Rasmus Lerdorf	otwell@laravel.com ryan@nodejs.org eich@javascript.com you@vuejs.org lerdorf@php.net	739360 633632 939570 982630 937927	2020-06-10 2020-04-22 2020-05-07 2020-06-11 2020-06-03	10 10 8 7	
ember_id 1 2 3 5 6 7	Taylor Otwell Ryan Dahl Brendan Eich Evan You Rasmus Lerdorf Guido van Rossum	otwell@laravel.com ryan@nodejs.org eich@javascript.com you@vuejs.org lerdorf@php.net guido@python.org	739360 633632 939570 982630 937927 968827	2020-06-10 2020-04-22 2020-05-07 2020-06-11 2020-06-03 2020-07-18	10 10 8 7 8 1 7	
ember_id 1 2 3 5 6 7	Taylor Otwell Ryan Dahl Brendan Eich Evan You Rasmus Lerdorf Guido van Rossum Adrian Holovaty	otwell@laravel.com ryan@nodejs.org eich@javascript.com you@vuejs.org lerdorf@php.net gudriao@python.org adrian@djangoproject.com	739360 633632 939570 982630 937927 968827 570724	2020-06-10 2020-04-22 2020-05-07 2020-06-11 2020-06-03 2020-07-18 2020-05-07	10 10 8 7 8 19	
ember_id 1 2 3 5 6 7 8	Taylor Otwell Ryan Dahl Brendan Eich Evan You Rasmus Lerdorf Guido van Rossum Adrian Holovaty Simon Willison	otwell@laravel.com ryan@nodejs.org eich@javascript.com you@vuejs.org lerdorf@php.net guido@python.org adrian@djangoproject.com simon@djangoproject.com	739360 633632 939570 982630 937927 968827 570724 864615	2020-06-10 2020-04-22 2020-05-07 2020-06-11 2020-06-03 2020-07-18 2020-05-07 2020-04-30	10 10 8 7 8 1 9 5	
ember_id 1 2 3 5 6 7 8 9	Taylor Otwell Ryan Dahl Brendan Eich Evan You Rasmus Lerdorf Guido van Rossum Adrian Holovaty	otwell@laravel.com ryan@nodejs.org eich@javascript.com you@vuejs.org lerdorf@php.net gudriao@python.org adrian@djangoproject.com	739360 633632 939570 982630 937927 968827 570724	2020-06-10 2020-04-22 2020-05-07 2020-06-11 2020-06-03 2020-07-18 2020-05-07 2020-04-30 2020-05-18	10 10 8 7 8 19	

Answer No. 2:

Alter table Developers change influence_count followers int;

Select * from Developers;

Answer No. 3:

Update Developers set followers=followers+10; Select * from Developers;

```
| RariaDB | Ridwarul_Islam|> Update Developers set followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=followers=follo
```

Answer No. 4:

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

```
MariaDB [Ridwanul_Islam]> Select name,((followers*100/1000000) * (multiplier*100/20))/100 as Efficiency from Developers;
                  | Efficiency
 name
 Taylor Otwell
                    36.968500000000
 Ryan Dahl
                    31.6821000000000
                    37.583200000000
 Brendan Eich
 Evan You
                    34.3924000000000
 Rasmus Lerdorf
                    37.517480000000
 Guido van Rossum | 92.039515000000
 Adrian Holovaty | 14.268350000000
 Simon Willison
                    17.2925000000000
 James Gosling
                   17.987525000000
                    21.061390000000
 Rod Johnson
 Satoshi Nakamoto | 31.524900000000
11 rows in set (0.000 sec)
```

Answer No. 5:

Select name, email from Developers order by followers desc limit 5;

Answer No. 6:

Select name from Developers where followers<700000 and multiplier=(Select Max(multiplier) from Developers where followers<700000);

Answer No. 7:

Select avg(followers) from Developers where Joining date<'2020-06-11';

```
MariaDB [Ridwanul_Islam]> Select avg(followers) from Developers where Joining_date<'2020-06-11';

+------+
| avg(followers) |

+-----+
| 737515.6667 |

+------+
1 row in set (0.001 sec)
```

Answer No. 8:

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

```
MariaDB [Ridwanul_Islam]> Select member_id,name,email,followers from Developers where email like'%.com' or email like'%.net';
 member_id | name
                                 email
                                                             followers
          1 | Taylor Otwell
                                 otwell@laravel.com
                                                                  739370
         3 | Brendan Eich
6 | Rasmus Lerdorf
                                                                  939580
                                  eich@javascript.com
                                  lerdorf@php.net
                                                                  937937
         8 | Adrian Holovaty
9 | Simon Willison
                                  adrian@djangoproject.com
                                                                  570734
                                  simon@djangoproject.com
                                                                  864625
         10 | James Gosling
                                  james@java.com
                                                                   719501
         12 | Satoshi Nakamoto | nakamoto@blockchain.com
                                                                  630498
 rows in set (0.000 sec)
```