Name: Iffat Ara Nazmin

ID: 21101106

Lab Section: 4

```
Setting environment for using XAMPP for Windows.
nazmi@LAPTOP-HT7CDTBB c:\xampp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with; or \g.
Your MariaDB connection id is 8
Server version: 10.4.27-MariaDB mariadb.org binary distribution
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> create database home_task;
Query OK, 1 row affected (0.003 sec)
MariaDB [(none)]> use home_task;
Database changed
MariaDB [home task] > create table Developers(
  -> member id varchar(4),
  -> name varchar(30),
  -> email varchar(50),
  -> influence count int,
  -> joining date date,
  -> multiplier int);
Query OK, 0 rows affected (0.010 sec)
MariaDB [home task]> insert into developers values ("1", "Taylor Otwell",
  -> "otwell@laravel.com", 739360,'2020-6-10',10);
Query OK, 1 row affected (0.009 sec)
MariaDB [home task]> insert into developers values ('2', 'Ryan Dahl', 'ryan@nodejs.org',
  -> 633632,'2020-04-22',10);
Query OK, 1 row affected (0.004 sec)
MariaDB [home task]> insert into developers values ('3', 'Brendan Eich',
```

-> 'eich@javascript.com',939570,'2020-05-07',8);

```
Query OK, 1 row affected (0.004 sec)
MariaDB [home task] insert into developers values ('5', 'Evan You',
  -> 'you@vuejs.org',982630,'2020-06-11',7);
Query OK, 1 row affected (0.005 sec)
MariaDB [home task]> insert into developers values ('6', 'Rasmus Lerdorf',
  -> 'lerdorf@php.net',937927,'2020-06-3',8);
Query OK, 1 row affected (0.002 sec)
MariaDB [home task]> insert into developers values ('7', 'Guido van Rossum',
  -> 'guido@python.org',968827,'2020-07-18',19);
Query OK, 1 row affected (0.004 sec)
MariaDB [home task] insert into developers values ('8', 'Adrian Holovaty',
  -> 'adrian@djangoproject.com', 570724,'2020-05-07',5);
Query OK, 1 row affected (0.005 sec)
MariaDB [home task]> insert into developers values ('9', 'Simon Willison',
  -> 'simon@djangoproject.com',864615,'2020-04-30',4);
Query OK, 1 row affected (0.004 sec)
MariaDB [home task]> insert into developers values ('10','James Gosling',
  -> 'james@java.com',719491,'2020-05-18',5);
Query OK, 1 row affected (0.005 sec)
MariaDB [home_task]> insert into developers values ('11','Rod Johnson',
  -> 'rod@spring.io',601744,'2020-05-18',7);
Query OK, 1 row affected (0.005 sec)
MariaDB [home task]> insert into developers values ('12','Satoshi Nakamoto',
  -> 'nakamoto@blockchain.com',630488,'2020-05-10',10);
Query OK, 1 row affected (0.004 sec)
MariaDB [home_task]> select * from developers;
                           | email
                                             | influence_count | joining_date | multiplier |
| member id | name
                                                      ----+
| 1
       | Taylor Otwell | otwell@laravel.com
                                                      739360 | 2020-06-10 |
                                                                                   10 |
                                                      633632 | 2020-04-22 |
| 2
       | Ryan Dahl
                        | ryan@nodejs.org
                                                                                   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 | 2020-06-03 |
                                                                                     8 I
```

968827 | 2020-07-18 |

19 |

| 7

| Guido van Rossum | guido@python.org

```
18
      | Adrian Holovaty | adrian@djangoproject.com |
                                               570724 | 2020-05-07 |
| 9
      | Simon Willison | simon@djangoproject.com |
                                               864615 | 2020-04-30 |
                                                                     4 |
      | James Gosling | james@java.com
                                             719491 | 2020-05-18 |
110
                                                                   5 I
      I Rod Johnson
                  | rod@spring.io
                                          601744 | 2020-05-18 |
| 11
                                                                 7 I
| 12
      | Satoshi Nakamoto | nakamoto@blockchain.com |
                                                 630488 | 2020-05-10 |
10 I
+-----+
11 rows in set (0.001 sec)
MariaDB [home task]> describe developers;
+----+
| Field
                 | Null | Key | Default | Extra |
         | Type
+-----+
| member_id | varchar(4) | YES | NULL |
          | varchar(30) | YES | NULL |
Iname
          | varchar(50) | YES | NULL |
l email
| influence count | int(11) | YES | NULL |
lioining date I date
                  |YES||NULL|
| multiplier
          |int(11) | YES | | NULL |
+----+
6 rows in set (0.026 sec)
MariaDB [home task] > select * from developers:
| member id | name
                     l email
                                  | influence count | joining date | multiplier |
| Taylor Otwell | otwell@laravel.com
                                          739360 | 2020-06-10 |
| 1
                                                                 10 |
12
      | Ryan Dahl
                | ryan@nodejs.org
                                          633632 | 2020-04-22 |
                                     10 |
      | Brendan Eich | eich@javascript.com |
| 3
                                            939570 | 2020-05-07 |
                                                                  81
| 5
      | Evan You
                  you@vuejs.org
                                         982630 | 2020-06-11 |
                                                                7 |
16
      | Rasmus Lerdorf | lerdorf@php.net
                                           937927 | 2020-06-03 |
                                                                  8 |
      | Guido van Rossum | guido@python.org
                                              968827 | 2020-07-18 |
17
                                                                    19 I
18
      | 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 |
      | Satoshi Nakamoto | nakamoto@blockchain.com |
| 12
                                                 630488 | 2020-05-10 | I
10 |
11 rows in set (0.001 sec)
```

MariaDB [home\_task]> alter table Developers change column influence\_count followers int not null;

Query OK, 0 rows affected (0.037 sec)

```
MariaDB [home task]> select * from developers:
+-----+
| member_id | name
                     l email
                                 | followers | joining date | multiplier |
| Taylor Otwell | otwell@laravel.com | 739360 | 2020-06-10 |
| 1
                                                             10 |
| 2
      | Ryan Dahl
                  | ryan@nodejs.org | 633632 | 2020-04-22 |
                                                             10 |
| 3
      | Brendan Eich | eich@javascript.com | 939570 | 2020-05-07 |
                                                               8 1
                  | 5
      | Evan You
                                                            7 |
      | Rasmus Lerdorf | lerdorf@php.net
16
                                     | 937927 | 2020-06-03 |
                                                              8 |
| 7
      | Guido van Rossum | guido@python.org
                                        | 968827 | 2020-07-18 |
                                                                 19 |
      | Adrian Holovaty | adrian@djangoproject.com | 570724 | 2020-05-07 |
18
                                                                  5 I
      | Simon Willison | simon@djangoproject.com | 864615 | 2020-04-30 |
| 9
                                                                  4 1
      | James Gosling | james@java.com | 719491 | 2020-05-18 |
110
                                                                5 |
| 11
      | Rod Johnson
                  | rod@spring.io
                                    | 601744 | 2020-05-18 |
                                                             7 |
      | Satoshi Nakamoto | nakamoto@blockchain.com | 630488 | 2020-05-10 |
                                                                    10 |
112
11 rows in set (0.000 sec)
MariaDB [home task] > select * from developers:
l email
                            | followers | joining date | multiplier |
| member id | name
+-----+
      | Taylor Otwell | otwell@laravel.com | 739360 | 2020-06-10 |
| 1
                                                             10 |
12
      l Ryan Dahl
                  | ryan@nodejs.org | 633632 | 2020-04-22 |
                                                             10 I
      | Brendan Eich | eich@javascript.com | 939570 | 2020-05-07 |
| 3
                                                               8 |
15
      | Evan You
                  you@vuejs.org
                                    | 982630 | 2020-06-11 |
                                                            7 |
                                                              8 |
      | Rasmus Lerdorf | lerdorf@php.net | 937927 | 2020-06-03 |
16
| 7
      | Guido van Rossum | guido@python.org
                                        | 968827 | 2020-07-18 |
                                                                 19 |
      | Adrian Holovaty | adrian@djangoproject.com | 570724 | 2020-05-07 |
18
                                                                  5 |
| 9
      | Simon Willison | simon@djangoproject.com | 864615 | 2020-04-30
                                                                  4 1
| 10
      | James Gosling | james@java.com
                                       | 719491 | 2020-05-18 |
                                                                5 |
| 11
      | Rod Johnson | rod@spring.io
                                     | 601744 | 2020-05-18 |
                                                             7 I
      | Satoshi Nakamoto | nakamoto@blockchain.com | 630488 | 2020-05-10 |
| 12
                                                                    10 |
   .-----+-----+-----+-----+------+
11 rows in set (0.000 sec)
MariaDB [home_task]> update developers set followers = followers + 10;
Query OK, 11 rows affected (0.005 sec)
Rows matched: 11 Changed: 11 Warnings: 0
MariaDB [home task]> select * from developers:
```

```
| member id | name
                       l email
                                      | followers | joining date | multiplier |
                                    --+-----+
                    l otwell@laravel.com
                                           739370 | 2020-06-10 |
| 1
      | Taylor Otwell
                                                                   10 I
12
      | Ryan Dahl
                    | ryan@nodejs.org
                                           633642 | 2020-04-22 |
                                                                   10 |
| 3
      | Brendan Eich
                     | eich@javascript.com
                                            939580 | 2020-05-07 |
                                                                     8 |
| 5
      | Evan You
                    | you@vuejs.org
                                         982640 | 2020-06-11 |
                                                                  7 |
      | Rasmus Lerdorf | lerdorf@php.net
                                         | 937937 | 2020-06-03 |
| 6
                                                                    8 |
| 7
      | Guido van Rossum | guido@python.org
                                               968837 | 2020-07-18 |
                                                                       19 |
18
      | Adrian Holovaty | adrian@djangoproject.com | 570734 | 2020-05-07 |
                                                                        5 I
      | Simon Willison | simon@djangoproject.com | 864625 | 2020-04-30
| 9
                                                                        4 |
       | James Gosling | james@java.com
                                           | 719501 | 2020-05-18 |
110
                                                                      5 |
                                        | 601754 | 2020-05-18 |
                                                                   7 |
| 11
       | Rod Johnson
                     | rod@spring.io
       | Satoshi Nakamoto | nakamoto@blockchain.com | 630498 | 2020-05-10 |
| 12
                                                                           10 |
      11 rows in set (0.000 sec)
MariaDB [home task] > select * from developers;
| followers | joining date | multiplier |
| member id | name
                       l email
| Taylor Otwell | otwell@laravel.com
                                      | 739370 | 2020-06-10 |
                                                                   10 I
      | Ryan Dahl
| 2
                    | ryan@nodejs.org
                                        | 633642 | 2020-04-22 |
                                                                   10 |
13
      | Brendan Eich | eich@javascript.com | 939580 | 2020-05-07 |
                                                                     8 |
| 5
      | Evan You
                    you@vuejs.org
                                     | 982640 | 2020-06-11 |
                                                                  7 |
16
      | Rasmus Lerdorf | lerdorf@php.net
                                         | 937937 | 2020-06-03 |
                                                                    8 1
17
      | Guido van Rossum | guido@python.org
                                            | 968837 | 2020-07-18
                                                                       19 |
      | Adrian Holovaty | adrian@djangoproject.com | 570734 | 2020-05-07 |
18
                                                                        5 |
19
      | Simon Willison | simon@djangoproject.com | 864625 | 2020-04-30
                                                                        4 |
       | James Gosling | james@java.com
                                           | 719501 | 2020-05-18 |
I 10
                                                                      5 |
| 11
      | Rod Johnson
                     | rod@spring.io
                                        | 601754 | 2020-05-18 |
                                                                   7 I
       | Satoshi Nakamoto | nakamoto@blockchain.com | 630498 | 2020-05-10 |
112
                                                                           10 |
+-----+
11 rows in set (0.000 sec)
MariaDB [home_task]> select name,email,followers from developers:
            | email
                            I followers I
Iname
| Taylor Otwell | otwell@laravel.com
                                    739370 |
| Ryan Dahl
             | ryan@nodejs.org
                                    633642 |
| Brendan Eich
             | eich@javascript.com
                                   | 939580 |
| Evan You
             | you@vuejs.org
                                982640 |
| Rasmus Lerdorf | lerdorf@php.net
                                     937937 |
| Guido van Rossum | guido@python.org
                                      | 968837 |
```

```
| Adrian Holovaty | adrian@djangoproject.com | 570734 |
| Simon Willison | simon@djangoproject.com | 864625 |
| James Gosling | james@java.com
                                   | 719501|
I Rod Johnson
              | rod@spring.io
                                 | 601754 |
| Satoshi Nakamoto | nakamoto@blockchain.com | 630498 |
+-----+
11 rows in set (0.000 sec)
MariaDB [home task] > select * from developers;
| followers | joining date | multiplier |
| member id | name
| Taylor Otwell | otwell@laravel.com
                                        | 739370 | 2020-06-10 |
| 1
                                                                  10 |
| 2
      | Ryan Dahl
                    | ryan@nodejs.org
                                       | 633642 | 2020-04-22 |
                                                                  10 |
                                         | 939580 | 2020-05-07 |
13
                   | eich@javascript.com
      | Brendan Eich
                                                                    8 |
| 5
      | Evan You
                   you@vuejs.org
                                      | 982640 | 2020-06-11 |
                                                                 7 |
      | Rasmus Lerdorf | lerdorf@php.net
                                         | 937937 | 2020-06-03 |
                                                                   8 1
16
17
      | Guido van Rossum | guido@python.org
                                           | 968837 | 2020-07-18
                                                                      19 |
      | Adrian Holovaty | adrian@djangoproject.com | 570734 | 2020-05-07 |
18
                                                                       5 |
19
      | Simon Willison | simon@djangoproject.com | 864625 | 2020-04-30
                                                                       4 |
110
       | James Gosling | james@java.com
                                          | 719501 | 2020-05-18 |
| 11
      | Rod Johnson
                     | rod@spring.io
                                        | 601754 | 2020-05-18 |
                                                                  7 |
      | Satoshi Nakamoto | nakamoto@blockchain.com | 630498 | 2020-05-10 |
112
                                                                          10 |
      11 rows in set (0.000 sec)
MariaDB [home_task]> select name, ((followers*100/1000000)*(multiplier*100/20))/100 as
 -> efficiency from developers;
            | efficiency
| Taylor Otwell | 36.968500000000 |
| Ryan Dahl
             | 31.682100000000 |
| Brendan Eich | 37.583200000000 |
| Evan You
             | 34.392400000000 |
| Rasmus Lerdorf | 37.517480000000 |
| Guido van Rossum | 92.039515000000 |
| Adrian Holovaty | 14.268350000000 |
| Simon Willison | 17.292500000000 |
| James Gosling | 17.987525000000 |
| Rod Johnson
              | 21.061390000000 |
| Satoshi Nakamoto | 31.524900000000 |
+----+
11 rows in set (0.001 sec)
```

## #Task\_01

MariaDB [home\_task]> select \* from developers; MariaDB [home\_task]> describe developers;

Field 1		Туре	Null	Key	Default	Extra	I		
member_id   varchar(4) name   varchar(30) email   varchar(50) influence_count   int(11) joining_date   date multiplier   int(11)		YES   YES   YES   YES   YES   YES   YES		NULL   NULL   NULL   NULL   NULL		+           			
	e_task] +	o sec; > select * fr 	om deve	lopers;	;	+   inf	luence count	joining date	++   multiplier
1 2 3 5 5 7 7 10	Ryan   Brend   Evan   Rasmu   Guido   Adria   Simon   James   Rod J	aylor Otwell Iyan Dahl Iyan Dahl Irendan Eich Ivan You Isasmus Lerdorf Iuido van Rossum Idrian Holovaty Iimon Willison Iames Gosling Iod Johnson Isatoshi Nakamoto		otwell@laravel.com ryan@nodejs.org eich@javascript.com you@vuejs.org lerdorf@php.net guido@python.org adrian@djangoproject.com simon@djangoproject.com james@java.com rod@spring.io nakamoto@blockchain.com			739360 633632 939570 982630 937927 968827 570724 864615 719491 601744 630488	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 2020-05-18	10   10   8   7   8   19   5   4   5   7

## #Task\_02

MariaDB [home\_task]> select \* from developers;

MariaDB [home\_task]> alter table Developers change column influence\_count followers int not null;

MariaDB [home\_task]> select \* from developers;

MariaDB [home\_task]> alter table Developers change column influence\_count followers int not null; Query OK, 0 rows affected (0.037 sec) Records: 0 Duplicates: 0 Warnings: 0 MariaDB [home\_task]> select \* from developers; email | followers | joining\_date | multiplier member id | name Taylor Otwell otwell@laravel.com 739360 2020-06-10 Ryan Dahl ryan@nodejs.org 633632 2020-04-22 10 Brendan Eich eich@javascript.com 939570 2020-05-07 Evan You you@vuejs.org 982630 2020-06-11 Rasmus Lerdorf lerdorf@php.net 937927 2020-06-03 8 Guido van Rossum 19 guido@python.org 968827 2020-07-18 Adrian Holovaty adrian@djangoproject.com 570724 2020-05-07 Simon Willison simon@djangoproject.com 864615 2020-04-30 4 james@java.com 10 James Gosling 719491 2020-05-18 11 601744 2020-05-18 Rod Johnson rod@spring.io 12 Satoshi Nakamoto | nakamoto@blockchain.com 630488 2020-05-10 10 11 rows in set (0.000 sec) MariaDB [home\_task]> select \* from developers; member\_id | name email followers joining date | multiplier Taylor Otwell otwell@laravel.com 739360 2020-06-10 10 Ryan Dahl ryan@nodejs.org 633632 2020-04-22 10 939570 eich@javascript.com 2020-05-07 Brendan Eich Evan You you@vuejs.org 982630 2020-06-11 Rasmus Lerdorf lerdorf@php.net 937927 2020-06-03 Guido van Rossum guido@python.org 968827 2020-07-18 19 Adrian Holovaty adrian@djangoproject.com 570724 2020-05-07 2020-04-30 Simon Willison 864615 simon@djangoproject.com 10 James Gosling 719491 2020-05-18 james@java.com 11 Rod Johnson rod@spring.io 601744 2020-05-18 Satoshi Nakamoto 12 nakamoto@blockchain.com 630488 2020-05-10 10 1 rows in set (0.000 sec)

### #Task 03

MariaDB [home\_task]> select \* from developers; MariaDB [home\_task]> update developers set followers = followers + 10;

MariaDB [home task] > select \* from developers;

member_id	_id   name		followers	joining_date	multiplier
1	Taylor Otwell	otwell@laravel.com	739360	2020-06-10	10
2	Ryan Dahl	ryan@nodejs.org	633632	2020-04-22	10
3	Brendan Eich   eich@javascript.com   Evan You   you@vuejs.org		939570	2020-05-07	8
5			982630	2020-06-11	7
6	Rasmus Lerdorf	lerdorf@php.net	937927	2020-06-03	8
		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   Rod Johnson   rod@spring.io		719491	2020-05-18	5
11			601744	2020-05-18	7
12	Satoshi Nakamoto	nakamoto@blockchain.com	630488	2020-05-10	10
riaDB [hom ery OK, 11 ws matched	rows affected (0.00 : 11 Changed: 11 l	Warnings: 0	lowers + 10;		
riaDB [hom ery OK, 11 ws matched riaDB [hom	e_task]> update deve rows affected (0.00 : 11 Changed: 11 l e_task]> select * :	95 sec) Warnings: 0	+	+	+   multiplier
riaDB [homery OK, 11 ws matched riaDB [homery member_id	e_task]> update deve rows affected (0.00 : 11 Changed: 11 l e_task]> select * : +	05 sec) Warnings: 0 from developers; +   email	   followers	<b>+</b>	<b>+</b>
riaDB [hom ery OK, 11 ws matched riaDB [hom member_id 1	e_task]> update deve rows affected (0.00 : 11 Changed: 11 l e_task]> select * : +   name   Taylor Otwell	05 sec) Warnings: 0 From developers; 	followers	+   2020-06-10	+   10
riaDB [hom ery OK, 11 ws matched riaDB [hom member_id 1	e_task]> update deve rows affected (0.00 : 11 Changed: 11 l e_task]> select * : +   name +   Taylor Otwell   Ryan Dahl	05 sec) Warnings: 0 From developers;	+	+   2020-06-10   2020-04-22	+
riaDB [hom ery OK, 11 ws matched	e_task]> update deve rows affected (0.00 : 11 Changed: 11 l e_task]> select * : +   name +   Taylor Otwell   Ryan Dahl   Brendan Eich	o5 sec) Narnings: 0 From developers;	+	+   2020-06-10   2020-04-22   2020-05-07	+
riaDB [hom ery OK, 11 ws matched riaDB [hom member_id 1 2 3	e_task]> update deve rows affected (0.00 : 11 Changed: 11 l e_task]> select * : +   name +   Taylor Otwell   Ryan Dahl	os sec) Narnings: 0 From developers;	followers 	+	+
riaDB [hom ery OK, 11 ws matched riaDB [hom member_id 1 2 3 5	e_task]> update deve rows affected (0.00 : 11 Changed: 11 L e_task]> select * : +	os sec) Narnings: 0  from developers;	followers 739370 633642 939580 982640 937937	2020-06-10 2020-04-22 2020-05-07 2020-06-11 2020-06-03	+
riaDB [hom ery OK, 11 ws matched riaDB [hom member_id 1 2	e_task]> update deve rows affected (0.00 : 11 Changed: 11 L e_task]> select * : +	os sec) Narnings: 0  from developers;	followers 	+	+
riaDB [homery OK, 11 ws matched riaDB [homeriaDB [homeriadB] riaDB	e_task]> update deve rows affected (0.00 : 11 Changed: 11 Ne e_task]> select * - +	os sec) Narnings: 0  from developers;	followers 739370 633642 939580 982640 937937 968837	2020-06-10 2020-04-22 2020-05-07 2020-06-11 2020-06-03 2020-07-18	10 10 10 8 1 7 8
riaDB [homery OK, 11 ws matched riaDB [hom member_id 2 3 5 6 7 8	e_task]> update deve rows affected (0.00 : 11 Changed: 11 Ne e_task]> select * - +	of sec) Narnings: 0  from developers;	followers 739370 633642 939580 982640 937937 968837 570734	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 1 7 8
riaDB [hom ery OK, 11 ws matched riaDB [hom member_id 1 2 3 5 6 7	e_task]> update deve rows affected (0.00 : 11 Changed: 11 Ne e_task]> select * - +	of sec) Warnings: 0  from developers;	739370 633642 939580 982640 937937 968837 570734 864625	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 19 1 5

# #Task\_04

MariaDB [home\_task]> select \* from developers;
MariaDB [home\_task]> select name,email,followers from developers;

```
MariaDB [home_task]> select * from developers;
 member id | name
                              email
                                                          | followers | joining_date | multiplier
              Taylor Otwell
                                                              739370
                              otwell@laravel.com
                                                                       2020-06-10
                                                                                              10
             Ryan Dahl
                                ryan@nodejs.org
                                                              633642
                                                                       2020-04-22
                                                                                              10
             Brendan Eich
                                eich@javascript.com
                                                              939580
                                                                       2020-05-07
                                                                                              8
             Evan You
                                you@vuejs.org
                                                              982640
                                                                       2020-06-11
                                                                                              8
             Rasmus Lerdorf
                                lerdorf@php.net
                                                              937937
                                                                       2020-06-03
             Guido van Rossum
                                                                       2020-07-18
                                guido@python.org
                                                              968837
                                                                                              5
4
             Adrian Holovaty
                                adrian@djangoproject.com |
                                                              570734
                                                                       2020-05-07
             Simon Willison
                                simon@djangoproject.com
                                                              864625
                                                                       2020-04-30
 10
             James Gosling
                                                              719501
                                                                       2020-05-18
                                james@java.com
             Rod Johnson
                                                              601754
 11
                                rod@spring.io
                                                                       2020-05-18
             Satoshi Nakamoto | nakamoto@blockchain.com |
                                                              630498 | 2020-05-10
                                                                                              10
l1 rows in set (0.000 sec)
MariaDB [home_task]> select name,email,followers from developers;
                   email
                                             followers
  Taylor Otwell
                    otwell@laravel.com
                                                  739370
 Ryan Dahl
                    ryan@nodejs.org
                                                  633642
                                                  939580
 Brendan Eich
                    eich@javascript.com
 Evan You
                    you@vuejs.org
                                                  982640
                    lerdorf@php.net
 Rasmus Lerdorf
                                                  937937
 Guido van Rossum
                    guido@python.org
                                                  968837
 Adrian Holovaty
                                                  570734
                    adrian@djangoproject.com
  Simon Willison
                    simon@djangoproject.com
                                                  864625
  James Gosling
                                                  719501
                    james@java.com
  Rod Johnson
                    rod@spring.io
                                                  601754
 Satoshi Nakamoto | nakamoto@blockchain.com
                                                  630498
11 rows in set (0.000 sec)
```

### **#Task\_05**

MariaDB [home\_task]> select \* from developers; MariaDB [home\_task]> select name, ((followers\*100/1000000)\*(multiplier\*100/20))/100 as efficiency from developers; MariaDB [home\_task]> select \* from developers; member\_id | name email | followers | joining\_date | multiplier | Taylor Otwell otwell@laravel.com 739370 2020-06-10 10 2020-04-22 Ryan Dahl ryan@nodejs.org 633642 Brendan Eich eich@javascript.com 939580 2020-05-07 8 Evan You you@vuejs.org 982640 2020-06-11 Rasmus Lerdorf lerdorf@php.net 937937 2020-06-03 8 Guido van Rossum 2020-07-18 guido@python.org 968837 Adrian Holovaty adrian@djangoproject.com 570734 2020-05-07 Simon Willison simon@djangoproject.com 864625 2020-04-30 719501 10 2020-05-18 James Gosling james@java.com Rod Johnson 601754 2020-05-18 rod@spring.io nakamoto@blockchain.com 630498 2020-05-10 Satoshi Nakamoto 10

11 rows in set (0.000 sec)

MariaDB [home\_task]> select name, ((followers\*100/1000000)\*(multiplier\*100/20))/100 as

-> efficiency from developers;

+	++
name	efficiency
+	++
Taylor Otwell	36.9685000000000
Ryan Dahl	31.6821000000000
Brendan Eich	37.5832000000000
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
Rod Johnson	21.061390000000
Satoshi Nakamoto	31.5249000000000
+	++

11 rows in set (0.001 sec)