

CSE370

Database Systems

Lab Homework-2

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Section: 06

Answer of question 1:

MariaDB [project]> select joining_date from developers group by joining_date
order by joining_date;

```
MariaDB [project]> select distinct joining_date from developers order by joining_date;  
+-----+
```

```
+-----+  
| joining_date |  
+-----+  
| 2020-04-22   |  
| 2020-04-30   |  
| 2020-05-07   |  
| 2020-05-10   |  
| 2020-05-18   |  
| 2020-06-03   |  
| 2020-06-10   |  
| 2020-06-11   |  
| 2020-07-18   |  
+-----+
```

Answer of question 2:

MariaDB [project]> select name,email from developers order by followers DESC
limit 0,5;

```
MariaDB [project]> select name,email from developers order by followers DESC limit 0,5;
```

name	email
Evan You	you@vuejs.org
Guido van Rossum	guido@python.org
Brendan Eich	eich@javascript.com
Rasmus Lerdorf	lerdorf@php.net
Simon Willison	simon@djangoproject.com

Answer of question 3:

MariaDB [project]> select multiplier,count(*) as members from developers group by multiplier;

```
MariaDB [project]> select multiplier,count(*) as members from developers group by multiplier;
```

multiplier	members
4	1
5	2
7	2
8	2
10	3
19	1

6 rows in set (0.001 sec)

Answer of question 4:

MariaDB [project]> select name from developers where followers<700000 and multiplier = (select max(multiplier) from developers where followers<700000);

```
MariaDB [project]> select name from developers where followers<700000 and multiplier = (select max(multiplier) from developers where followers<700000);
```

```
+-----+  
| name |  
+-----+  
| Ryan Dahl |  
| Satoshi Nakamoto |  
+-----+  
2 rows in set (0.000 sec)
```

Answer of question 5:

```
MariaDB [project]> select avg(followers) from developers where joining_date<'2020-06-11';
```

```
MariaDB [project]> select avg(followers) from developers where joining_date<'2020-06-11';
```

```
+-----+  
| avg(followers) |  
+-----+  
|      737515.6667 |  
+-----+  
1 row in set (0.002 sec)
```

Answer of question 6:

MariaDB [project]> select member_id,name,email from developers where email like '%.com' or email like '%.net';

```
MariaDB [project]> select member_id,name,email from developers where email like '%.com' or email like '%.net';
```

member_id	name	email
1	Taylor Otwell	otwell@laravel.com
3	Brendan Eich	eich@javascript.com
6	Rasmus Lerdorf	lerdorf@php.net
8	Adrian Holovaty	adrian@django project.com
9	Simon Willison	simon@django project.com
10	James Gosling	james@java.com
12	Satoshi Nakamoto	nakamoto@blockchain.com

7 rows in set (0.036 sec)