

1.

SELECT DISTINCT joining_date FROM Developers ORDER BY joining_date ASC;

```
MariaDB [assignment2]> --showing unique dates
MariaDB [assignment2]> SELECT DISTINCT joining_date FROM Developers ORDER BY joining_date ASC;
+-----+
| 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   |
+-----+
9 rows in set (0.001 sec)
```

2.

SELECT name, email FROM Developers

JOIN (SELECT DISTINCT followers FROM Developers ORDER BY followers DESC LIMIT 5) t2

ON Developers.followers

IN (t2.followers);

```
MariaDB [assignment2]> --retrieving selective number of items
MariaDB [assignment2]> SELECT name, email FROM Developers
  -> JOIN (SELECT DISTINCT followers FROM Developers ORDER BY followers DESC LIMIT 5) t2
  -> ON Developers.followers
  -> IN (t2.followers);
```

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

```
5 rows in set (0.001 sec)
```

3.

SELECT multiplier, COUNT(*) AS 'Number of Developers' FROM Developers GROUP BY multiplier;

```
MariaDB [assignment2]> --counting number of rows in each group
MariaDB [assignment2]> SELECT multiplier, COUNT(*) AS 'Number of Developers' FROM Developers GROUP BY multiplier;
```

multiplier	Number of Developers
4	1
5	2
7	2
8	2
10	3
19	1

```
6 rows in set (0.000 sec)
```

4.

SELECT name FROM Developers WHERE

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

AND

followers < 700000;

```
MariaDB [assignment2]> --multiple conditions
MariaDB [assignment2]> SELECT name FROM Developers WHERE
  -> multiplier = (SELECT MAX(multiplier) FROM Developers WHERE followers < 700000)
  -> AND
  -> followers < 700000;
+-----+
| name          |
+-----+
| Ryan Dahl     |
| Satoshi Nakamoto |
+-----+
2 rows in set (0.001 sec)
```

5.

SELECT AVG(followers) AS 'Average number of followers' FROM Developers WHERE joining_date < '2020-06-11';

```
MariaDB [assignment2]> --finding average value (aggregate function)
MariaDB [assignment2]> SELECT AVG(followers) AS 'Average number of followers' FROM Developers WHERE joining_date < '2020-06-11';
+-----+
| Average number of followers |
+-----+
|          737505.6667         |
+-----+
1 row in set (0.001 sec)
```

6.

SELECT member_id, name, email, followers FROM Developers WHERE email LIKE '%.com' OR email LIKE '%.net';

```
MariaDB [assignment2]> --string pattern finding
MariaDB [assignment2]> 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	739360
3	Brendan Eich	eich@javascript.com	939570
6	Rasmus Lerdorf	lerdorf@php.net	937927
8	Adrian Holovaty	adrian@django-project.com	570724
9	Simon Willison	simon@django-project.com	864615
10	James Gosling	james@java.com	719491
12	Satoshi Nakamoto	nakamoto@blockchain.com	630488

```
7 rows in set (0.000 sec)
```