

Home Work 2

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Sec: 09

1. Show all the unique joining_date of the users joining in ascending order.

Ans:

Query:

```
select distinct joining_date from Developers order by joining_date asc;
```

```
MariaDB [assignment_1]> 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 (0.000 sec)
```

2. Show the name and email of the developers who have the 5 highest numbers of followers.

Ans:

Query:

```
select name, email from developers order by followers desc limit 5;
```

```
MariaDB [assignment_1]> select name, email from Developers order by followers desc limit 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    |
+-----+-----+
5 rows in set (0.000 sec)
```

3. Count the number of developers in each multiplier.

Ans:

Query:

```
select multiplier, count(*) as total_developers from developers group by multiplier;
```

```
MariaDB [assignment_1]> select multiplier, count(*) as total_developers from developers group by multiplier;
```

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

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

4. Show the name of all users with the maximum multiplier among the developers whose number of followers is less than 700000.

Ans:

Query:

```
select name from developers where followers < 700000 having max(multiplier);
```

```
MariaDB [assignment_1]> select name from developers where followers < 700000 having max(multiplier);
```

name
Ryan Dahl

```
1 row in set (0.000 sec)
```

5. Find the average of the number of followers but only consider the members who joined before 11 June 2020.

Ans:

Query:

```
select avg(followers) as avg from developers where joining_date < '2020-06-11';
```

```
MariaDB [assignment_1]> select avg(followers) as avg from developers where joining_date < '2020-06-11';
```

avg
737515.6667

```
1 row in set (0.000 sec)
```

6. Retrieve the member_id, name, email and followers of the developers who have either “.com” or “.net” in their email address.

Ans:

Query:

```
select member_id, name, email, followers from developers where email like '%.com' OR email like '%.net';
```

```
MariaDB [assignment_1]> 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	eich@javascript.com	939580
6	Rasmus Lerdorf	lerdorf@php.net	937937
8	Adrian Holovaty	adrian@django-project.com	570734
9	Simon Willison	simon@django-project.com	864625
10	James Gosling	james@java.com	719501
12	Satoshi Nakamoto	nakamoto@blockchain.com	630498

7 rows in set (0.000 sec)