

CSE370
LAB ASSIGNMENT 02

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SECTION : 06
DATE : Feb 20, 2022

Question - 01 : Show all the unique joining_date of the users joining in ascending order. [1]

Query : SELECT DISTINCT Joining_Date FROM Developers ORDER BY Joining_Date ASC;

```
MariaDB [CSE370]> 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)
```

Question - 02 : Show the name and email of the developers who have the 5 highest numbers of followers. [2]

Query : SELECT Name, Email FROM Developers ORDER BY Followers DESC LIMIT 5;

```
MariaDB [CSE370]> 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@django-project.com    |
+-----+-----+
5 rows in set (0.001 sec)
```

Question - 03 : Count the number of developers in each multiplier.
[2]

Query: SELECT Multiplier, COUNT(*) as Number_of_Developers FROM Developers GROUP BY Multiplier;

```
MariaDB [CSE370]> 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)
```

Question - 04 : Show the name of all users with the maximum multiplier among the developers whose number of followers is less than 700000. [2]

Query : SELECT Name FROM Developers WHERE Followers < 700000 HAVING MAX(Multiplier);

```
MariaDB [CSE370]> SELECT Name FROM Developers WHERE Followers < 700000 HAVING MAX(Multiplier);
```

Name
Ryan Dahl

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

Question - 05 : Find the average of the number of followers but only consider the members who joined before 11 June 2020. [2]

Query : SELECT AVG(Followers) as AVG FROM Developers WHERE Joining_Date < '2020-06-11';

```
MariaDB [CSE370]> SELECT AVG(Followers) as AVG FROM Developers WHERE Joining_Date < '2020-06-11';
+-----+
| AVG      |
+-----+
| 737505.6667 |
+-----+
1 row in set (0.001 sec)
```

Question - 06 : Retrieve the member_id, name, email and followers of the developers who have either “.com” or “.net” in their email address. [1]

Query : SELECT Member_ID, Name, Email, Followers FROM Developers WHERE Email LIKE '%.com' OR Email LIKE '%.net';

```
MariaDB [CSE370]> 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 (0.001 sec)
```