# CSE370 : DATABASE SYSTEMS

# LAB  HOMEWORK - 2

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SECTION : 05

**Answer 1 :**

use Area120;
select distinct Joing_date  from Developers order by Joining_date;

```
MariaDB [(none)]> use Area120;
Database changed
MariaDB [Area120]> 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   |
+--------------+
9 rows in set (0.002 sec)
```

**Answer 2 :**

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

```
MariaDB [Area120]> 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@djangproject.com |
+------------------+------------------------+
5 rows in set (0.002 sec)
```

**Answer 3 :**

select multiplier,count(*) from Developers group by multiplier;

```
MariaDB [Area120]> select multiplier,count(*) from Developers
    -> group by multiplier;
+------------+----------+
| multiplier | count(*) |
+------------+----------+
|          4 |        1 |
|          5 |        2 |
|          7 |        2 |
|          8 |        2 |
|         10 |        3 |
|         19 |        1 |
+------------+----------+
6 rows in set (0.005 sec)
```

**Answer 4 :**

select name from Developers where followers < 700000 and multiplier in  (select max(multiplier) from Developers where followers < 700000);

```
MariaDB [Area120]> select name from Developers
    -> where followers < 700000 and multiplier in
    -> (select max(multiplier) from Developers
    -> where followers < 700000);
+------------------+
| name             |
+------------------+
| Ryan Dahl        |
| Satoshi Nakamoto |
+------------------+
2 rows in set (0.001 sec)
```

**Answer 5 :**

select avg(followers) as average_followers from Developers where Joining_date < '2020-06-11';

```
MariaDB [Area120]> select avg(followers)
    -> as average_followers from Developers
    -> where Joining_date < '2020-06-11';
+-------------------+
| average_followers |
+-------------------+
|       737515.6667 |
+-------------------+
1 row in set (0.001 sec)
```

**Answer 6 :**

select member_id, name, email, followers from Developers where email like '%.com' or email like '%.net';

```
MariaDB [Area120]> 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@djangoproject.com  |    570734 |
|         9 | Simon Willison  | simon@djangproject.com    |    864625 |
|        10 | James Gosling   | james@java.com            |    719501 |
|        12 | Satoshi Nakamoto| nakamoto@blockchain.com   |    630498 |
+-----------+-----------------+---------------------------+-----------+
7 rows in set (0.001 sec)
```