For creating table firstly i open xampp and then wrote the **mysql -u root -p** command to enter mariadb, after that i use **lab_homework1;**

As we updated the followers of each developer's value by adding 10 in the previous task but in this task here we can see that the value decreased by 10 again. so i just wrote **update Developers set followers = followers-10;**

Task 1:

For showing all the unique joining_date of the users joining in ascending order, **select distinct (Joining_date) from Developers order by Joining_date asc;**

```
MariaDB [lab_homework1]> 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)
```

Task 2:

For Showing the name and email of the developers who have the 5 highest numbers of followers, i wrote **select name,email from Developers order by followers desc limit 5;**

```
MariaDB [lab_homework1]> 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 (0.003 sec)
```

Task 3:

For counting the number of developers in each multiplier, i wrote **select multiplier, count(*) from Developers group by multiplier;**

```
MariaDB [lab_homework1]> 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 (0.007 sec)
```

Task 4:

For showing the name of all users with the maximum multiplier among the developers whose number of followers is less than 700000 i used, **select name from Developers where followers < 700000 having max(multiplier);**

```
MariaDB [lab_homework1]> select name from Developers where followers < 700000 having max(multiplier);
+-----------+
| name      |
+-----------+
| Ryan Dahl |
+-----------+
```

Task 5:

To Find the average of the number of followers but only consider the members who joined before 11 June 2020 i use, **select avg(followers) from Developers where joining_date < '2020-06-11';**

```
MariaDB [lab_homework1]> select avg(followers) from Developers where joining_date < '2020-06-11';
+----------------+
| avg(followers) |
+----------------+
|    737505.6667 |
+----------------+
1 row in set (0.003 sec)
```

Task 6:

To Retrieve the member_ id, name, email and followers of the developers who have either ".com" or ".net" in their email address i use, **Select member_id, name, email, followers from Developers where email like '%.com' or email like '%.net';**

```
MariaDB [lab_homework1]> 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@djangoproject.com |    570724 |
|         9 | Simon Willison  | simon@djangoproject.com |    864615 |
|        10 | James Gosling   | james@java.com          |    719491 |
|        12 | Satoshi Nakamoto | nakamoto@blockchain.com |    630488 |
+-----------+-----------------+-------------------------+-----------+
7 rows in set (0.004 sec)
```