

```
mysql -u root -p
```

```
use lab_hw1;
```

```
show databases;
```

```
show tables;
```

```
select * from developers;
```

```
XAMPP for Windows - mysql -u root -p

Setting environment for using XAMPP for Windows.
user@DESKTOP-VLI4E6U d:\new folder\xamp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 12
Server version: 10.4.28-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| cse370_grades |
| information_schema |
| just_a_potato |
| lab_hw1 |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
8 rows in set (0.001 sec)
```

```

8 rows in set (0.001 sec)

MariaDB [(none)]> use lab_hw1;
Database changed
MariaDB [lab_hw1]> show tables;
+-----+
| Tables_in_lab_hw1 |
+-----+
| developers         |
+-----+
1 row in set (0.001 sec)

MariaDB [lab_hw1]> select * from developers;
+-----+-----+-----+-----+-----+-----+
| member_id | name           | email           | followers | Joining_date | multiplier |
+-----+-----+-----+-----+-----+-----+
| 1         | Taylor Otwell | otwell@laravel.com | 739370    | 2020-06-10   | 10         |
| 2         | Ryan Dahl     | ryan@nodejs.org   | 633642    | 2020-04-22   | 10         |
| 3         | Brendan Eich  | eich@javascript.com | 939580    | 2020-05-07   | 8          |
| 5         | Evan You      | you@vuejs.org     | 982640    | 2020-06-11   | 7          |
| 6         | Rasmus Lerdorf | lerdorf@php.net   | 937937    | 2020-06-03   | 8          |
| 7         | Guido van Rossum | guido@python.org | 968837    | 2020-07-18   | 19         |
| 8         | Adrian Holovaty | adrian@django project.com | 570734    | 2020-05-07   | 5          |
| 9         | Simon Willison | simon@django project.com | 864625    | 2020-04-30   | 4          |
| 10        | James Gosling  | james@java.com    | 719501    | 2020-05-18   | 5          |
| 11        | Rod Johnson    | rod@spring.io     | 601754    | 2020-05-18   | 7          |
| 12        | Satoshi Nakamoto | nakamoto@blockchain.com | 630498    | 2020-05-10   | 10         |
+-----+-----+-----+-----+-----+-----+
11 rows in set (0.000 sec)

```

#Task-1:

select distinct joining_date from developers order by joining_date;

```

MariaDB [lab_hw1]> 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 (0.000 sec)

```

#Task-2:

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

```
MariaDB [lab_hw1]> 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 (0.000 sec)
```

#Task-3:

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

```
MariaDB [lab_hw1]> select multiplier, count(*) as no_of_developers from developers group by multiplier;
```

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

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

#Task-4:

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

```
MariaDB [lab_hw1]> 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)
```

#Task-5:

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

```
MariaDB [lab_hw1]> select avg(followers) as avg_no_of_followers from developers where joining_date < '2020-06-11';
+-----+
| avg_no_of_followers |
+-----+
|          737515.6667 |
+-----+
1 row in set (0.000 sec)
```

#Task-6:

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

```
MariaDB [lab_hw1]> 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)
```

Activate Windows
Go to Settings to activate Windows