11. Display all employees with a salary greater than **60,000**.

```
MariaDB [db_company]> SELECT * FROM tbl_employees WHERE salary > 60000;
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  2 | Peter     | Parker   |           2 | M      |  65000.00 | 2011-12-02 | ACTIVE |
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
|  4 | Natasha   | Romanoff |           4 | F      |  70000.00 | 2015-10-24 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
3 rows in set (0.000 sec)
```

12. Display all employees who were hired before **2015-01-01**.

```
MariaDB [db_company]> SELECT * FROM tbl_employees WHERE date_hired < '2015-01-01';
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  2 | Peter     | Parker   |           2 | M      |  65000.00 | 2011-12-02 | ACTIVE |
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
|  7 | Stephen   | Strange  |           5 | M      |  52000.00 | 2013-08-25 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
3 rows in set (0.000 sec)
```

13. Display employees with gender = 'F'.

```
MariaDB [db_company]> SELECT *
    -> FROM tbl_employees
    -> WHERE gender = 'F';
+----+-----------+----------+-------------+--------+----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary   | date_hired | status |
+----+-----------+----------+-------------+--------+----------+------------+--------+
|  4 | Natasha   | Romanoff |           4 | F      | 70000.00 | 2015-10-24 | ACTIVE |
|  5 | Wanda     | Maximoff |           3 | F      | 48000.00 | 2016-09-25 | ACTIVE |
+----+-----------+----------+-------------+--------+----------+------------+--------+
2 rows in set (0.000 sec)
```

14. Show employees whose status is ACTIVE.

```
MariaDB [db_company]> SELECT *
    -> FROM tbl_employees
    -> WHERE status = 'ACTIVE';
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  1 | Jerwin    | Cruz     |           1 | M      |  60000.00 | 2018-06-30 | ACTIVE |
|  2 | Peter     | Parker   |           2 | M      |  65000.00 | 2011-12-02 | ACTIVE |
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
|  4 | Natasha   | Romanoff |           4 | F      |  70000.00 | 2015-10-24 | ACTIVE |
|  5 | Wanda     | Maximoff |           3 | F      |  48000.00 | 2016-09-25 | ACTIVE |
|  6 | Steve     | Rogers   |           1 | M      |  58000.00 | 2017-07-25 | ACTIVE |
|  7 | Stephen   | Strange  |           5 | M      |  52000.00 | 2013-08-25 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
7 rows in set (0.000 sec)
```

15. Display employees whose salary is between **50,000** and **70,000**.

```
MariaDB [db_company]> SELECT *
    -> FROM tbl_employees
    -> WHERE salary BETWEEN 50000 AND 70000;
+----+-----------+----------+-------------+--------+----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary   | date_hired | status |
+----+-----------+----------+-------------+--------+----------+------------+--------+
|  1 | Jerwin    | Cruz     |           1 | M      | 60000.00 | 2018-06-30 | ACTIVE |
|  2 | Peter     | Parker   |           2 | M      | 65000.00 | 2011-12-02 | ACTIVE |
|  4 | Natasha   | Romanoff |           4 | F      | 70000.00 | 2015-10-24 | ACTIVE |
|  6 | Steve     | Rogers   |           1 | M      | 58000.00 | 2017-07-25 | ACTIVE |
|  7 | Stephen   | Strange  |           5 | M      | 52000.00 | 2013-08-25 | ACTIVE |
+----+-----------+----------+-------------+--------+----------+------------+--------+
```

16. Display employees sorted by firstname in ascending order.

```
MariaDB [db_company]> SELECT *
    -> FROM tbl_employees
    -> ORDER BY firstname ASC;
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  1 | Jerwin    | Cruz     |           1 | M      |  60000.00 | 2018-06-30 | ACTIVE |
|  4 | Natasha   | Romanoff |           4 | F      |  70000.00 | 2015-10-24 | ACTIVE |
|  2 | Peter     | Parker   |           2 | M      |  65000.00 | 2011-12-02 | ACTIVE |
|  7 | Stephen   | Strange  |           5 | M      |  52000.00 | 2013-08-25 | ACTIVE |
|  6 | Steve     | Rogers   |           1 | M      |  58000.00 | 2017-07-25 | ACTIVE |
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
|  5 | Wanda     | Maximoff |           3 | F      |  48000.00 | 2016-09-25 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
7 rows in set (0.000 sec)
```

17. Display employees sorted by salary in descending order.

```
MariaDB [db_company]> SELECT *
    -> FROM tbl_employees
    -> ORDER BY salary DESC;
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
|  4 | Natasha   | Romanoff |           4 | F      |  70000.00 | 2015-10-24 | ACTIVE |
|  2 | Peter     | Parker   |           2 | M      |  65000.00 | 2011-12-02 | ACTIVE |
|  1 | Jerwin    | Cruz     |           1 | M      |  60000.00 | 2018-06-30 | ACTIVE |
|  6 | Steve     | Rogers   |           1 | M      |  58000.00 | 2017-07-25 | ACTIVE |
|  7 | Stephen   | Strange  |           5 | M      |  52000.00 | 2013-08-25 | ACTIVE |
|  5 | Wanda     | Maximoff |           3 | F      |  48000.00 | 2016-09-25 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
7 rows in set (0.001 sec)
```

18. Show employees sorted by date_hired (oldest first).

```
MariaDB [db_company]> SELECT *
    -> FROM tbl_employees
    -> ORDER BY date_hired ASC;
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
|  2 | Peter     | Parker   |           2 | M      |  65000.00 | 2011-12-02 | ACTIVE |
|  7 | Stephen   | Strange  |           5 | M      |  52000.00 | 2013-08-25 | ACTIVE |
|  4 | Natasha   | Romanoff |           4 | F      |  70000.00 | 2015-10-24 | ACTIVE |
|  5 | Wanda     | Maximoff |           3 | F      |  48000.00 | 2016-09-25 | ACTIVE |
|  6 | Steve     | Rogers   |           1 | M      |  58000.00 | 2017-07-25 | ACTIVE |
|  1 | Jerwin    | Cruz     |           1 | M      |  60000.00 | 2018-06-30 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
7 rows in set (0.000 sec)
```

19. Count how many employees are in each position_id.

```
MariaDB [db_company]> SELECT position_id, COUNT(*) AS total_employees
    -> FROM tbl_employees
    -> GROUP BY position_id;
+-------------+-----------------+
| position_id | total_employees |
+-------------+-----------------+
|           1 |               2 |
|           2 |               2 |
|           3 |               1 |
|           4 |               1 |
|           5 |               1 |
+-------------+-----------------+
5 rows in set (0.000 sec)
```

20. Count how many employees are grouped by gender.

```
MariaDB [db_company]> SELECT gender, COUNT(*) AS total_employees
    -> FROM tbl_employees
    -> GROUP BY gender;
+--------+-----------------+
| gender | total_employees |
+--------+-----------------+
| F      |               2 |
| M      |               5 |
+--------+-----------------+
2 rows in set (0.000 sec)
```

21. Find the total salary per position_id.

```
MariaDB [db_company]> SELECT position_id, SUM(salary) AS total_salary
    -> FROM tbl_employees
    -> GROUP BY position_id;
+-------------+--------------+
| position_id | total_salary |
+-------------+--------------+
|           1 |    118000.00 |
|           2 |    167000.00 |
|           3 |     48000.00 |
|           4 |     70000.00 |
|           5 |     52000.00 |
+-------------+--------------+
5 rows in set (0.001 sec)
```

22. Show position_id groups having more than **1 employee**.

```
MariaDB [db_company]> SELECT position_id, COUNT(*) AS total_employees
    -> FROM tbl_employees
    -> GROUP BY position_id
    -> HAVING COUNT(*) > 1;
+-------------+-----------------+
| position_id | total_employees |
+-------------+-----------------+
|           1 |               2 |
|           2 |               2 |
+-------------+-----------------+
2 rows in set (0.001 sec)
```

23. Show gender groups where the average salary is above **60,000**.

```
MariaDB [db_company]> SELECT gender, AVG(salary) AS average_salary
    -> FROM tbl_employees
    -> GROUP BY gender
    -> HAVING AVG(salary) > 60000;
+--------+----------------+
| gender | average_salary |
+--------+----------------+
| M      |   67400.000000 |
+--------+----------------+
1 row in set (0.000 sec)
```

24. Show only the **first 3 employees** from the table.

```
MariaDB [db_company]> SELECT *
    -> FROM tbl_employees
    -> LIMIT 3;
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  1 | Jerwin    | Cruz     |           1 | M      |  60000.00 | 2018-06-30 | ACTIVE |
|  2 | Peter     | Parker   |           2 | M      |  65000.00 | 2011-12-02 | ACTIVE |
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
3 rows in set (0.000 sec)
```

25. Show **3 employees starting from the 3rd record** in the table.

```
MariaDB [db_company]> SELECT *
    -> FROM tbl_employees
    -> LIMIT 2, 3;
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
|  4 | Natasha   | Romanoff |           4 | F      |  70000.00 | 2015-10-24 | ACTIVE |
|  5 | Wanda     | Maximoff |           3 | F      |  48000.00 | 2016-09-25 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
3 rows in set (0.000 sec)
```