**Name: Dhanlowel Makaveli Lugo**

1. Display all columns from tbl_employees.

```
MariaDB [db_lugo]> SELECT * FROM tbl_employees
    -> ;
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| 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 (0.001 sec)
```

2. Display only the firstname and lastname of all employees.

```
MariaDB [db_lugo]> SELECT firstname,lastname FROM tbl_employees;
+-----------+----------+
| firstname | lastname |
+-----------+----------+
| Jerwin    | Cruz     |
| Peter     | Parker   |
| Tony      | Stark    |
| Natasha   | Romanoff |
| Wanda     | Maximoff |
| Steve     | Rogers   |
| Stephen   | Strange  |
+-----------+----------+
7 rows in set (0.000 sec)
```

3. Show firstname, lastname, and salary of all employees.

```
MariaDB [db_lugo]> SELECT firstname, lastname, salary FROM tbl_employees;
+-----------+----------+-----------+
| firstname | lastname | salary    |
+-----------+----------+-----------+
| Jerwin    | Cruz     |  60000.00 |
| Peter     | Parker   |  65000.00 |
| Tony      | Stark    | 102000.00 |
| Natasha   | Romanoff |  70000.00 |
| Wanda     | Maximoff |  48000.00 |
| Steve     | Rogers   |  58000.00 |
| Stephen   | Strange  |  52000.00 |
+-----------+----------+-----------+
7 rows in set (0.000 sec)
```

4. Find all employees whose firstname starts with **'S'**.

```
MariaDB [db_lugo]> SELECT * FROM tbl_employees
    -> WHERE firstname LIKE 'S%';
+----+-----------+----------+-------------+--------+----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary   | date_hired | status |
+----+-----------+----------+-------------+--------+----------+------------+--------+
|  6 | Steve     | Rogers   |           1 | M      | 58000.00 | 2017-07-25 | ACTIVE |
|  7 | Stephen   | Strange  |           5 | M      | 52000.00 | 2013-08-25 | ACTIVE |
+----+-----------+----------+-------------+--------+----------+------------+--------+
2 rows in set (0.000 sec)
```

5. Find all employees whose lastname ends with **'off'**.

```
MariaDB [db_lugo]> SELECT * FROM tbl_employees
    -> WHERE lastname LIKE '%off';
+----+-----------+----------+-------------+--------+----------+------------+--------+
| 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 (0.001 sec)
```

6. Find employees with firstname containing **'an'**.
7. Find employees whose firstname second letter is **'e'**.
8. Find employees whose lastname starts with **'R'**.
9. Show distinct position_id values.
10. Show distinct gender values from the table.
11. Display all employees with a salary greater than **60,000**.
12. Display all employees who were hired before **2015-01-01**.
13. Display employees with gender = 'F'.
14. Show employees whose status is ACTIVE.
15. Display employees whose salary is between **50,000** and **70,000**.
16. Display employees sorted by firstname in ascending order.
17. Display employees sorted by salary in descending order.
18. Show employees sorted by date_hired (oldest first).
19. Count how many employees are in each position_id.
20. Count how many employees are grouped by gender.

21. Find the total salary per position_id.
22. Show position_id groups having more than **1 employee**.
23. Show gender groups where the average salary is above **60,000**.
24. Show only the **first 3 employees** from the table.
25. Show **3 employees starting from the 3rd record** in the table.