Name: DIMAPILIS, JAMES HARRIET M.

1. Display all columns from tbl_employees.

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

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

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

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

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.

```
MariaDB [db_dimapilis]> SELECT * FROM tbl_employees ORDER BY salary ASC;
+----+-----------+----------+-------------+--------+-----------+------------+--------+
| id | firstname | lastname | position_id | gender | salary    | date_hired | status |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
|  5 | Wanda     | Maximoff |           3 | F      |  48000.00 | 2016-09-25 | ACTIVE |
|  7 | Stephen   | Strange  |           5 | M      |  52000.00 | 2013-08-25 | ACTIVE |
|  6 | Steve     | Rogers   |           1 | M      |  58000.00 | 2017-07-25 | ACTIVE |
|  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 |
|  3 | Tony      | Stark    |           2 | M      | 102000.00 | 2002-02-01 | ACTIVE |
+----+-----------+----------+-------------+--------+-----------+------------+--------+
7 rows in set (0.000 sec)
```

17. Display employees sorted by salary in descending order.

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

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.

```
MariaDB [db_dimapilis]> 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 (0.001 sec)
```

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

```
MariaDB [db_dimapilis]> SELECT * FROM tbl_employees LIMIT 3 OFFSET 2;
+----+-----------+-----------+-------------+--------+-----------+------------+--------+
| 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 (0.001 sec)
```