

Name: KIRT BRAINER C. TRINIDAD

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**.

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

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

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

13. Display employees with gender = 'F'.

```
MariaDB [db_trinidad]> 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_trinidad]> 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_trinidad]> 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

```
5 rows in set (0.000 sec)
```

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.