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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.
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.

```
MariaDB [db_calixto]> select position_id,sum(salary) from tbl_employees group by position_id;
+-----+-----+
| position_id | sum(salary) |
+-----+-----+
| 1 | 118000.00 |
| 2 | 167000.00 |
| 3 | 48000.00 |
| 4 | 70000.00 |
| 5 | 52000.00 |
+-----+-----+
5 rows in set (0.000 sec)

MariaDB [db_calixto]> |
```

22. Show position\_id groups having more than 1 employee.

```
MariaDB [db_calixto]> select position_id from tbl_employees group by position_id having count(*) >= 2;
+-----+
| position_id |
+-----+
| 1 |
| 2 |
+-----+
2 rows in set (0.000 sec)

MariaDB [db_calixto]> |
```

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

```
MariaDB [db_calixto]> select gender from tbl_employees group by gender having avg(salary) > 60000;
+-----+
| gender |
+-----+
| M |
+-----+
1 row in set (0.001 sec)

MariaDB [db_calixto]> |
```

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

```
MariaDB [db_calixto]> 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)

MariaDB [db_calixto]> |
```

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

```
MariaDB [db_calixto]> 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)
```

```
MariaDB [db_calixto]> |
```