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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.

```
MariaDB [db_castillo]> 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 (0.041 sec)
```

17. Display employees sorted by salary in descending order.

```
MariaDB [db_castillo]> 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 (0.000 sec)

18. Show employees sorted by date\_hired (oldest first).

```
MariaDB [db_castillo]> 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_castillo]> SELECT position_id, COUNT(*)
-> FROM tbl_employees
-> GROUP BY position_id;
```

position_id	COUNT(*)
1	2
2	2
3	1
4	1
5	1

5 rows in set (0.001 sec)

20. Count how many employees are grouped by gender.

```

MariaDB [db_castillo]> SELECT gender, COUNT(*)
-> FROM tbl_employees
-> GROUP BY gender;
+-----+
| gender | COUNT(*) |
+-----+
| F      | 2        |
| M      | 5        |
+-----+
2 rows in set (0.001 sec)

```

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.