## Name: David Glenn E. Gevaña

Display all columns from tbl\_employees.

- 1. Display only the firstname and lastname of all employees.
- 2. 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**.

| Marial      | DB [db_gevana                | a]> SELECT >                    | k FROM tbl_empl | Loyees WHI | ERE salary > | 60000.00;                                  |        |
|-------------|------------------------------|---------------------------------|-----------------|------------|--------------|--|--------|
| id          | firstname                    | lastname                        | position_id     | gender     | salary       | date_hired                                 | status |
| 2<br>3<br>4 | Peter<br>  Tony<br>  Natasha | Parker<br>  Stark<br>  Romanoff | 2<br>2<br>4     |            | 102000.00    | 2011-12-02<br>  2002-02-01<br>  2015-10-24 | ACTIVE |
| 3 rows      | s in set (0.0                | 901 sec)                        |                 |            |              |  |        |

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

| MariaDB [db_gevana] > SELECT * FROM tbl_employees WHERE date_hired < '2015-01-01'; |                          |                                |             |                 |           |  |        |  |  |
|--|--------------------------|--------------------------------|-------------|-----------------|-----------|--|--------|--|--|
| id   | firstname                | lastname                       | position_id | gender          | salary    | date_hired                             | status |  |  |
| 2  <br>  3  <br>  7  | Peter<br>Tony<br>Stephen | Parker<br>  Stark<br>  Strange | 2           | M<br>  M<br>  M | 102000.00 | 2011-12-02<br>2002-02-01<br>2013-08-25 | ACTIVE |  |  |
| 3 rows in set (0.000 sec)  |                          |                                |             |                 |           |  |        |  |  |

13. Display employees with gender = 'F'.

| Maria  | OB [db_gevana | a]> SELECT >         | <pre>     FROM tbl_emp </pre> | Loyees WHI | ERE gender : | = 'F';                   |        |
|--------|---------------|----------------------|-------------------------------|------------|--------------|--------------------------|--------|
| id     | firstname     | lastname             | position_id                   | gender     | salary       | date_hired               | status |
| 4      |               | Romanoff<br>Maximoff |                               | F<br>F     |              | 2015-10-24<br>2016-09-25 |        |
| 2 rows | in set (0.0   | 901 sec)             |                               |            |              | ,                        |        |

14. Show employees whose status is ACTIVE.

| MariaDB [db_gevana]> SELECT * FROM tbl_employees WHERE status = 'ACTIVE'; |           |          |             |         |           |                  |        |  |
|---|-----------|----------|-------------|---------|-----------|------------------|--------|--|
| id  | firstname | lastname | position_id | gender  | salary    | date_hired       | status |  |
| 1 1   | Jerwin    | Cruz     | 1           | <br>  м | 60000.00  | <br>  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_gevana]> SELECT * FROM tbl_employees WHERE salary > 50000 and salary <70000; |                                     |   |                  |                        |  |  |  |  |
|--|-------------------------------------|---|------------------|------------------------|--|--|--|--|
| id   | firstname                           | lastname                                  | position_id      | gender                 | salary                                       | date_hired   | status                                     |  |
| 1  <br>  2  <br>  6  <br>  7   | Jerwin<br>Peter<br>Steve<br>Stephen | Cruz<br>  Parker<br>  Rogers<br>  Strange | 1<br>2<br>1<br>5 | M<br>  M<br>  M<br>  M | 60000.00<br>65000.00<br>58000.00<br>52000.00 | 2018-06-30<br>2011-12-02<br>2017-07-25<br>2013-08-25 | ACTIVE  <br>ACTIVE  <br>ACTIVE  <br>ACTIVE |  |
| +++++++  |                                     |   |                  |                        |  |  |  |  |

- 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.