## Assignment – 7 (String Functions, Aggregate Functions)

```
Write SQL queries for the following:
employee_details (id, first_name, last_name, dob, address, email, post, salary)
(id int
dob date
address text
salary decimal)
```

```
MariaDB [dbms_practice]> CREATE TABLE employee_details (
    ->    id INT PRIMARY KEY,
    ->      first_name VARCHAR(50),
    ->      last_name VARCHAR(50),
    ->      dob DATE,
    ->      address TEXT,
    ->      email VARCHAR(100),
    ->      post VARCHAR(50),
    ->      salary DECIMAL(10, 2)
    -> );
Query OK, 0 rows affected (0.021 sec)
```

1. Select the first three characters of the first\_name column from the employee\_details table.

2. Find the length of the address column in the employee details table.

3. Convert all email addresses in the employee\_details table to uppercase.

4. Replace the occurrences of "Engineer" with "Eng." in the post column from the employee details table.

5. Convert all last\_name values in the employee\_details table to lowercase.

6. Find the length of each first\_name in the employee\_details table.

7. Concatenate the first\_name and last\_name columns with a space in between from the employee\_details table.

8. Convert the address column to uppercase and display the first 10 characters of this uppercase text from the employee\_details table.

9. Find the total number of employees in the employee\_details table.

10. Calculate the average salary of employees in the employee\_details table.

11. Find the highest and lowest salary among employees in the employee\_details table.

12. Calculate the total salary expense (sum of all salary values) for all employees in the employee\_details table.

13. Count the number of distinct job titles (post) in the employee\_details table.