

# CYPRUS INTERNATIONAL UNIVERSITY

## FACULTY OF ENGINEERING

### CMPE343 – Database Management Systems and Programming I

#### Lab 5

- 1) -- Create the staff table

```
CREATE TABLE staff (
    staff_id INT PRIMARY KEY,
    first_name VARCHAR(50),
    last_name VARCHAR(50),
    salary DECIMAL(10, 3)
);
```

```
-- Insert sample data into the staff table
```

```
INSERT INTO staff (staff_id, first_name, last_name, salary)
VALUES
    (1, 'Alex', 'Miller', 55000.123),
    (2, 'Emily', 'Johnson', 60000.456),
    (3, 'Max', 'Smith', 70000.789),
    (4, 'Sophia', 'Brown', 48000.321),
    (5, 'Oliver', 'Davis', 72000.000);
```

- 2) Write a query to display the staff\_id along with the concatenated full name for each person. Use the CONCAT function to combine the first and last names, and alias the concatenated result as 'FULL\_NAME'.
- 3) Write a query to display the first name, last name, length of the last name using the LENGTH function.
- 4) Write a query to display all the columns, and the position of the first occurrence of the letter 'e' in the first name using the INSERT function.
- 5) Write a query to display the staff\_id and the salary values truncated to two decimal places for each staff member from the 'staff' table. Use the 'TRUNCATE' function to achieve this.

- 6) Write a query to display the employee\_id and the rounded salary values for each employee. Round the salary values to the nearest whole number using the ROUND function. Name the rounded salary column as 'rounded\_salary'.