

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 INSTR 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'.