

# DBMS Lab [PC-CS602]

## Assignment 6

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### (Learning Advanced Nested queries and DUAL Table for Date calculations)

#### **Q.1. Use the Customers table created earlier to solve the following Queries:**

- i) Find the countries with the most customers.
- ii) Display the customer names with the longest address (by character length).
- iii) Show the names of customers whose postal code matches with at least one other customer.
- iv) Find the customers who live in the same country as "Alice Johnson".
- v) List the customers whose city is the same as the customer with *CustomerID* '1'.
- vi) Show the customer name(s) who have the same contact name as at least one other customer.
- vii) Retrieve the customer(s) whose country appears more than twice in the table.

#### **Q.2. Use DUAL Table to answer the following queries:**

- i) Display the current system date and time.
- ii) Show the date 30 days from today and name the as "Future Date".
- iii) Display the first day of the current month.
- iv) Retrieve the day of the week for today.
- v) Display the difference in days between current date and "01-Jan-2024".
- vi) Show the current timestamp in YYYY-MM-DD HH24:MI:SS format.
- vii) Calculate the number of seconds between two specific timestamps that is, '2025-01-01 00:00:00' and **now**.