### **Lab 15- Between Operator in Select Statement**

Below is a complete lab exercise that involves creating a table and using the BETWEEN operator in PostgreSQL:

**Table Creation**

CREATE TABLE Employees (

EmployeeID SERIAL PRIMARY KEY,

FirstName VARCHAR(50),

LastName VARCHAR(50),

Salary NUMERIC,

HireDate DATE

);

**Insert Sample Data**

INSERT INTO Employees (FirstName, LastName, Salary, HireDate) VALUES

('John', 'Doe', 4500, '2022-04-15'),

('Jane', 'Smith', 3500, '2022-06-20'),

('Mark', 'Johnson', 5000, '2022-03-10'),

('Julia', 'Williams', 3800, '2022-09-05'),

('Robert', 'Brown', 2800, '2022-11-30');

**Queries Using BETWEEN Operator**

Select all employees with salaries between $3000 and $5000.

SELECT \*

FROM Employees

WHERE Salary BETWEEN 3000 AND 5000;

Select all employees hired between '2022-01-01' and '2022-12-31'.

SELECT \*

FROM Employees

WHERE HireDate BETWEEN '2022-01-01' AND '2022-12-31';

Select all employees with first names starting with the letter 'J' and salaries between $2000 and $4000.

SELECT \*

FROM Employees

WHERE FirstName LIKE 'J%' AND Salary BETWEEN 2000 AND 4000;

DROP TABLE Employees;

Make sure to run these commands in your PostgreSQL environment, and feel free to modify the exercise to practice using the BETWEEN operator effectively.