**Lab Exercise- SQL code to Create and Insert in Employee Table**

SQL syntax to create the employees table and insert some sample data into it, based on the previous examples used in this conversation.

**1. Creating the employees Table:**

CREATE TABLE employees (

employee\_id INTEGER,

name VARCHAR(100),

position VARCHAR(50),

salary NUMERIC(10, 2),

hire\_date DATE DEFAULT CURRENT\_DATE,

department VARCHAR(50)

);

**2. Inserting Sample Data into the employees Table:**

INSERT INTO employees (employee\_id, name, position, salary, hire\_date, department)

VALUES

(1, 'John Doe', 'Developer', 75000.00, '2023-01-15', 'Engineering'),

(2, 'Jane Smith', 'Sales Manager', 85000.00, '2022-11-03', 'Sales'),

(3, 'Alice Johnson', 'HR Specialist', 60000.00, '2024-06-12', 'Human Resources'),

(4, 'Bob Brown', 'Marketing Coordinator', 52000.00, '2024-02-25', 'Marketing'),

(5, 'Charlie Davis', 'Data Analyst', 68000.00, '2023-09-20', 'Data Science');

**Resulting Data:**

After running the above SQL commands, your employees table will look like this:

employee\_id name position salary hire\_date department

1 John Doe Developer 75000.00 2023-01-15 Engineering

2 Jane Smith Sales Manager 85000.00 2022-11-03 Sales

3 Alice Johnson HR Specialist 60000.00 2024-06-12 Human Resources

4 Bob Brown Marketing Coordinator 52000.00 2024-02-25 Marketing

5 Charlie Davis Data Analyst 68000.00 2023-09-20 Data Science

This data can now be used for further querying, testing functions, or performing analyses.