



# Faculty of Technology and Engineering

# **Chandubhai S. Patel Institute of Technology (CSPIT)**

## **Department of Computer Science & Engineering**

Date: / /

# **Laboratory Manual**

Academic Year	:	2024-25	Semester	:	4
Course code	:	CSE206	Course name	:	DATABASE MANAGEMENT SYSTEM

#### **Practical - 5**

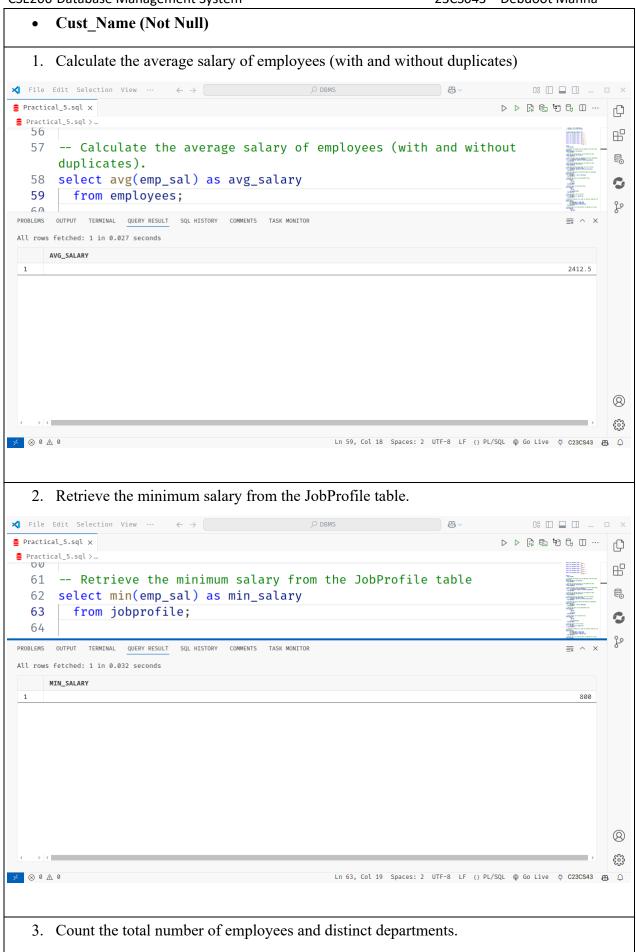
Aim: As a database administrator for a global bank, you are responsible for managing and analyzing employee and customer data stored in the bank's database. Your tasks involve using SQL functions to manipulate and retrieve critical information efficiently. These operations ensure seamless data communication and compliance with bank regulations.

## **Constraints**

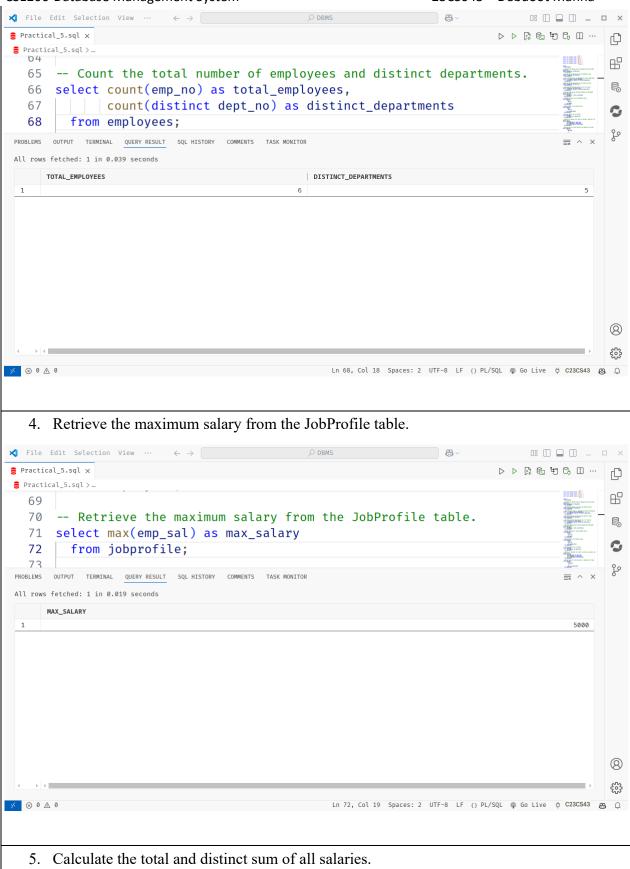
- Not Null Constraints: Critical fields like names and salaries must not be null.
- Unique Constraints: Ensure integrity of fields like Job ID.
- Check Constraints: Validate positive salary values.

## The bank maintains the following schemas:

- 1. JobProfile Table: Stores details of employees and their job roles.
  - Emp ID (Primary Key)
  - Emp Name (Not Null)
  - Emp\_Salary (Not Null, Check: Greater than zero)
  - Job\_ID (Unique)
  - Department
- 2. Customer Table: Stores customer details.
  - Cust ID (Primary Key)



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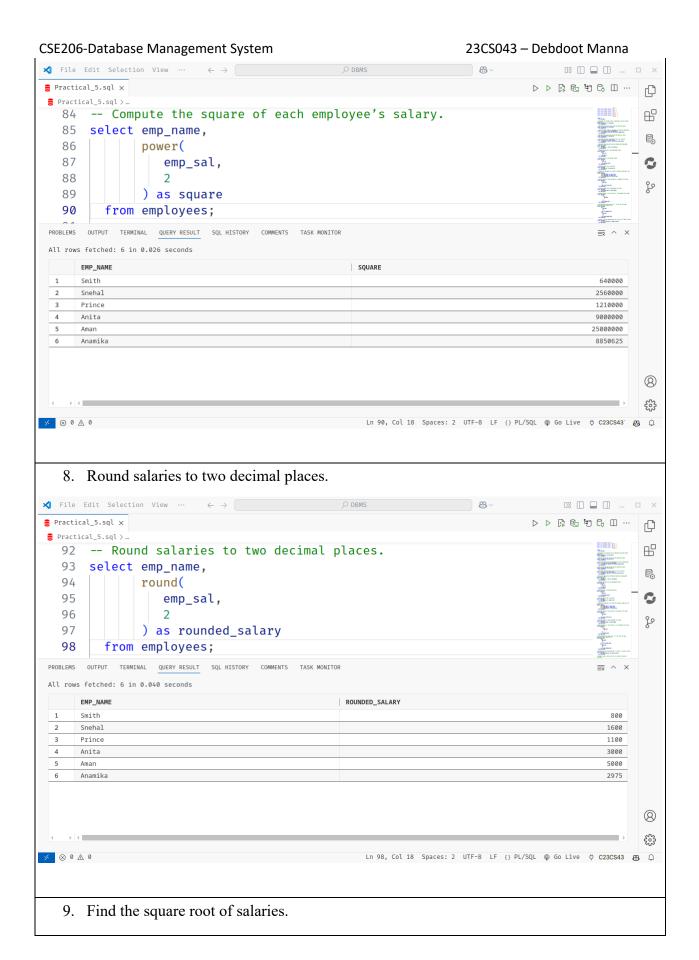
7. Compute the square of each employee's salary.

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## CSE206-Database Management System

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