**COMPUTER SCIENCE DEPARTMENT**

LAB: Database System

**Lab task # 10**

**Last date of Submission: 25th October 2024**

# Submitted To: Mam Kashia Riaz

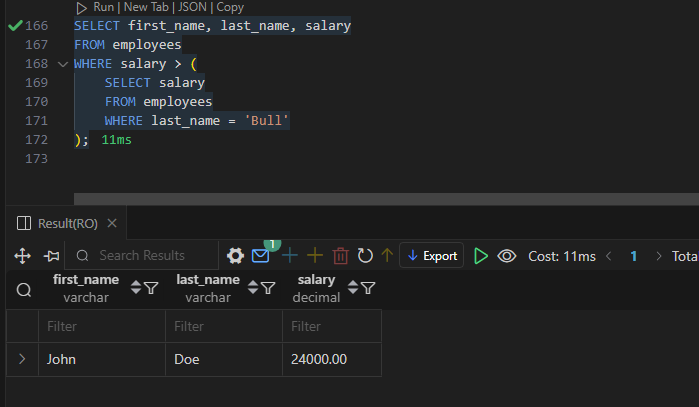
**Student Name: UBAID-BIN-WARIS**

# Reg. Number: 2212416

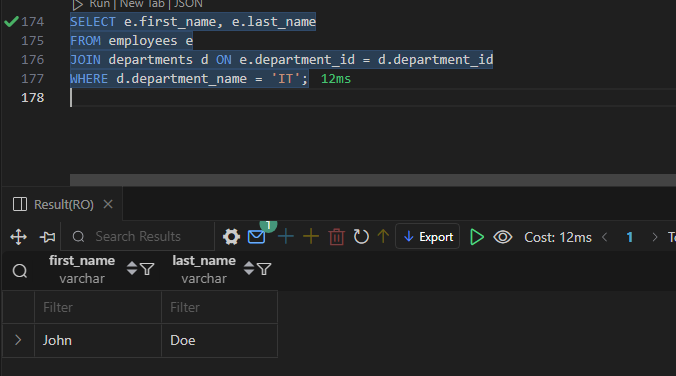
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**Task 01**

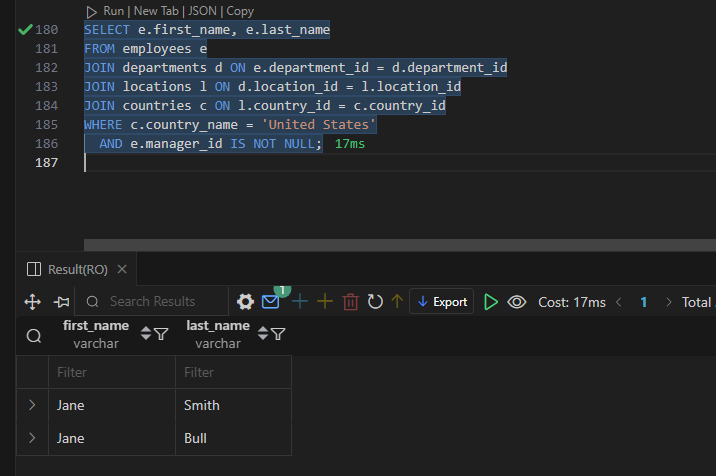
1. **Write a query to find the names (first\_name, last\_name) and the salaries of the employees who have a higher salary than the employee whose last\_name = 'Bull'.**



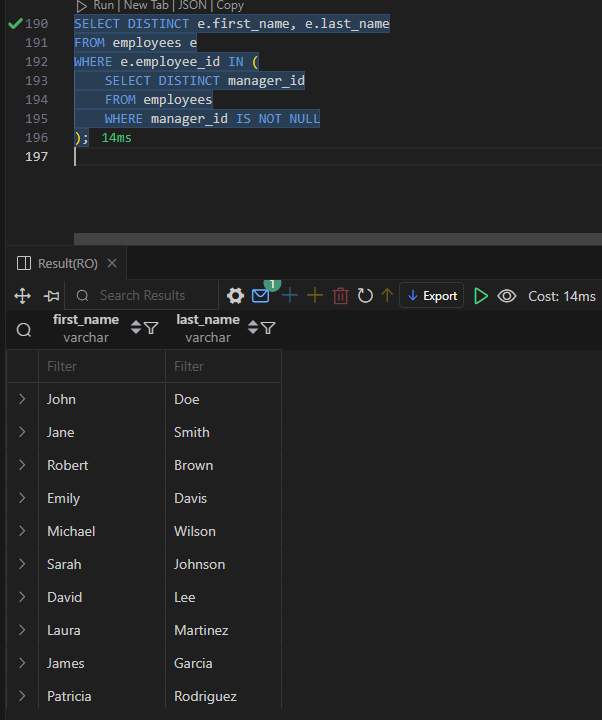
1. **Write a query to find the names (first\_name, last\_name) of all employees who work in the IT department.**



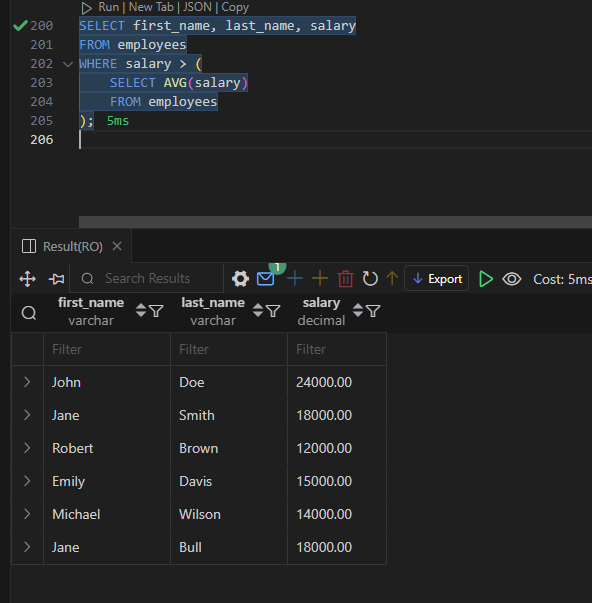
1. **Write a query to find the names (first\_name, last\_name) of the employees who have a manager and work for a department based in the United States.**



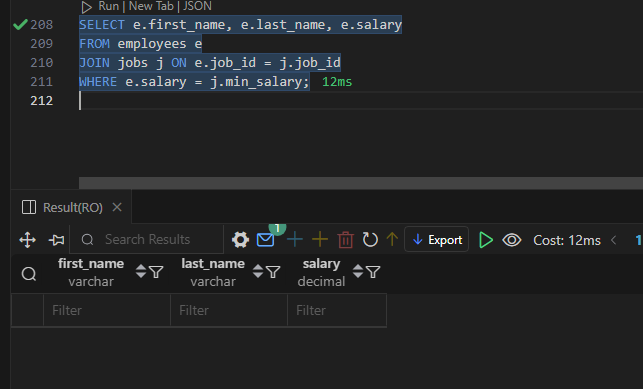
1. **Write a query to find the names (first\_name, last\_name) of the employees who are managers.**



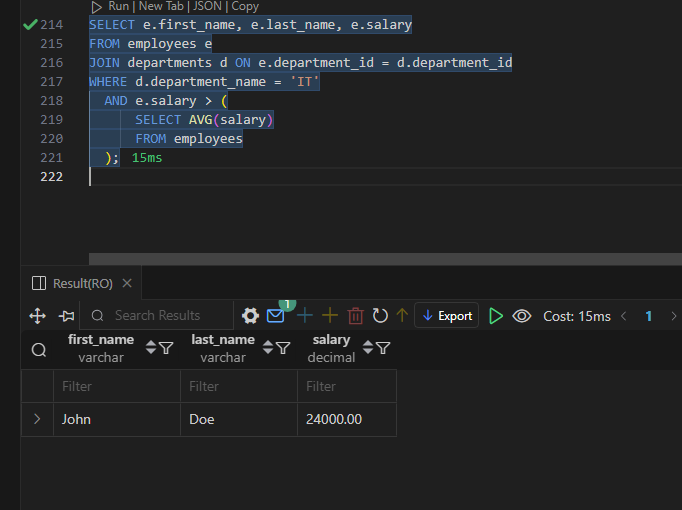
1. **Write a query to find the names (first\_name, last\_name), the salary of the employees whose salary is greater than the average salary.**



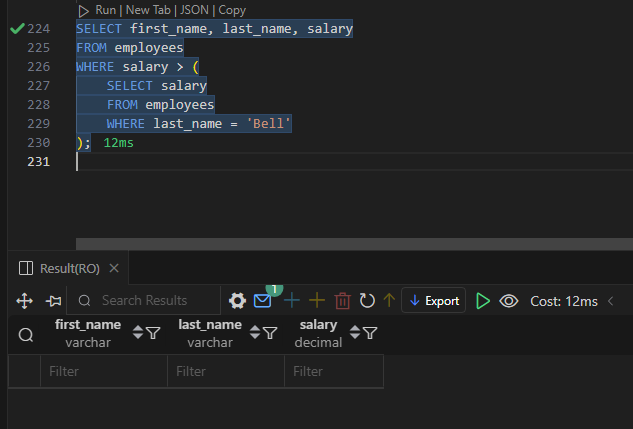
1. **Write a query to find the names (first\_name, last\_name), the salary of the employees whose salary is equal to the minimum salary for their job grade.**



1. **Write a query to find the names (first\_name, last\_name), the salary of the employees who earn more than the average salary and who work in any of the IT departments.**

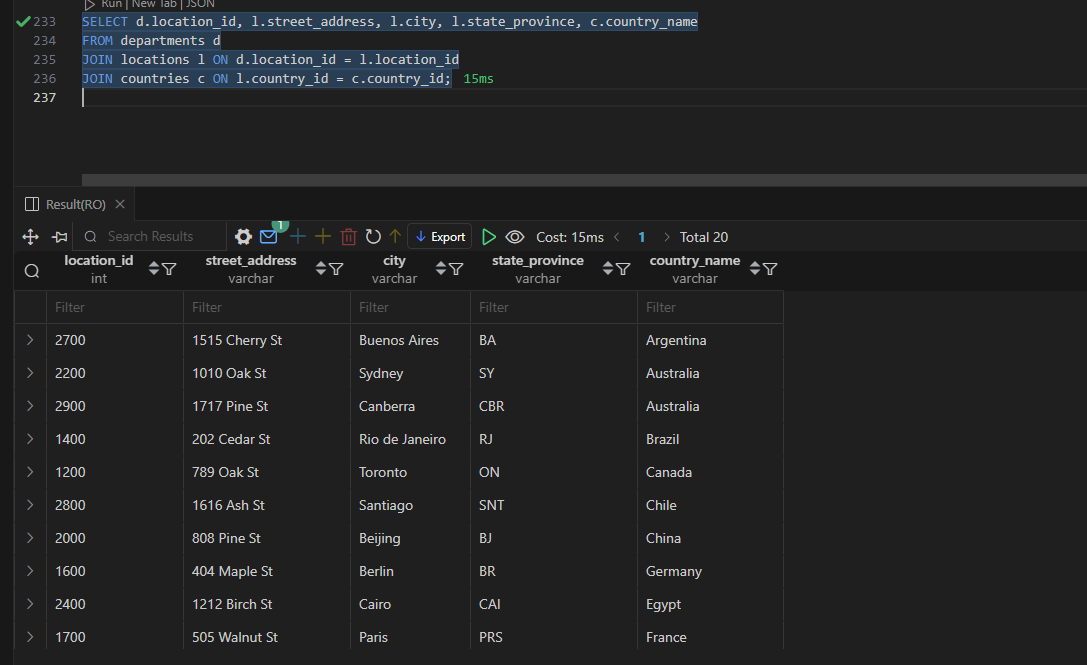


1. **Write a query to find the names (first\_name, last\_name), the salary of the employees who earn more than Mr. Bell.**

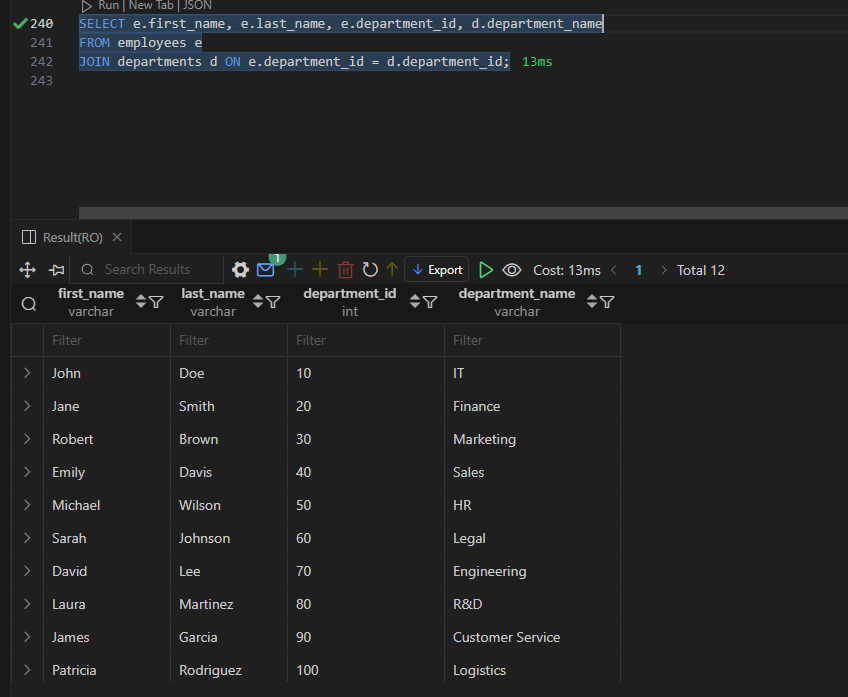


**Task 02**

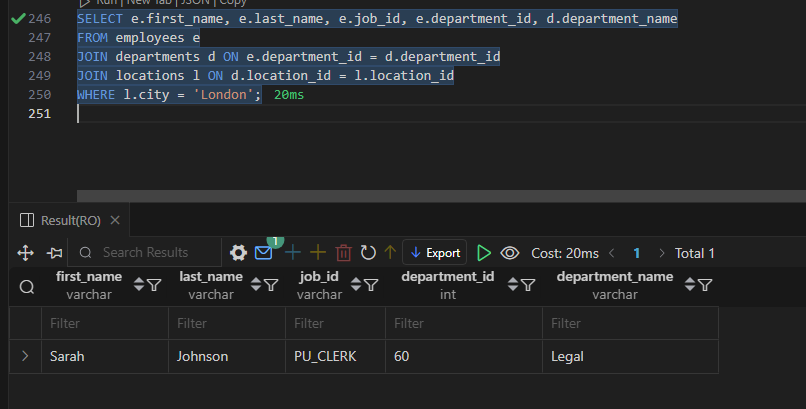
1. **Write a query to find the addresses (location\_id, street\_address, city, state\_province, country\_name) of all the departments.**



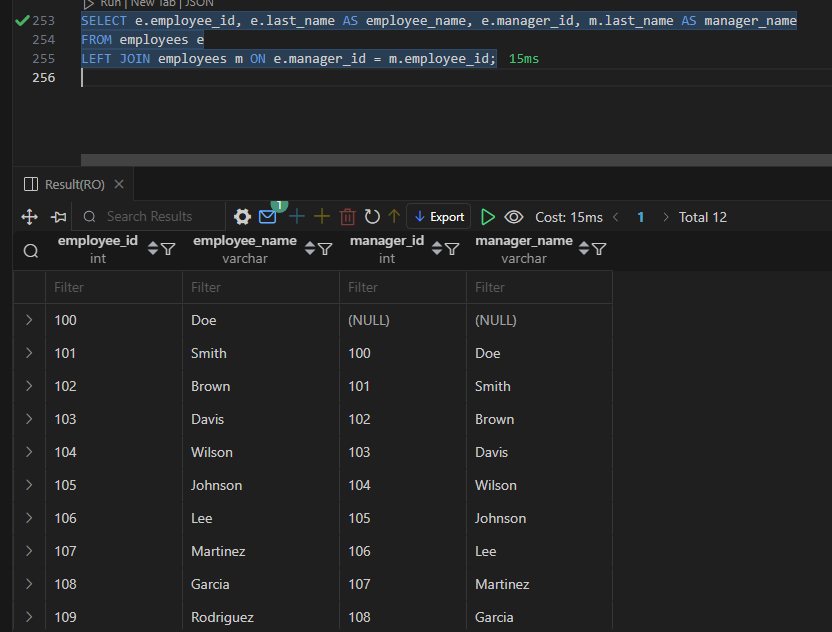
1. **Write a query to find the names (first\_name, last\_name), department ID, and name of all the employees.**



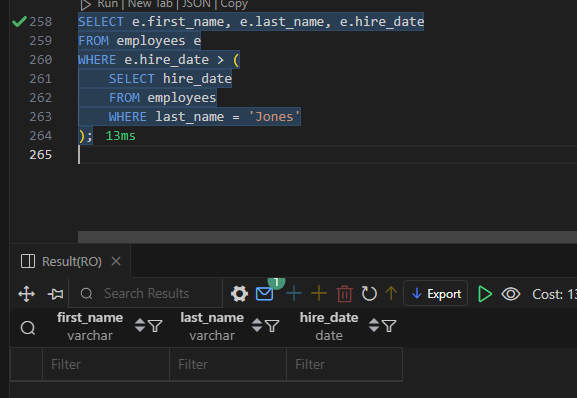
1. **Find the names (first\_name, last\_name), job, department number, and department name of the employees who work in London.**



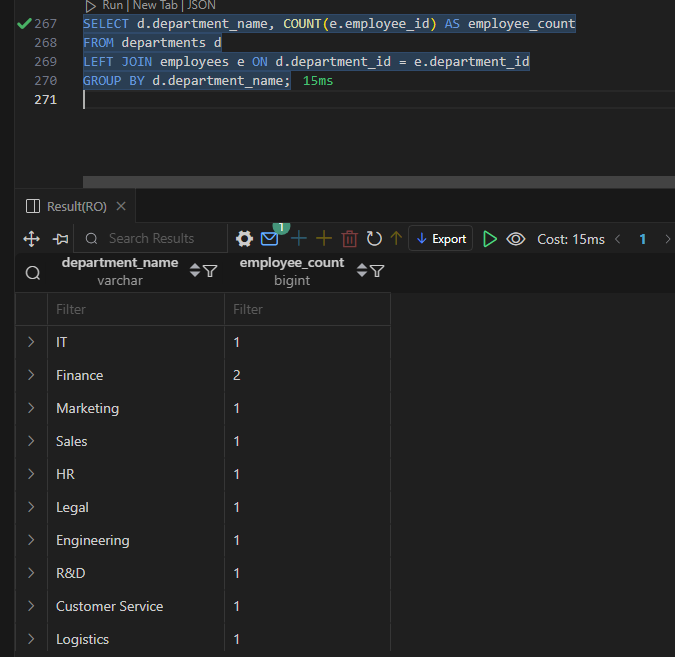
1. **Write a query to find the employee ID, name (last\_name) along with their manager\_id, and manager name (last\_name).**



1. **Find the names (first\_name, last\_name) and hire date of the employees who were hired after 'Jones'.**



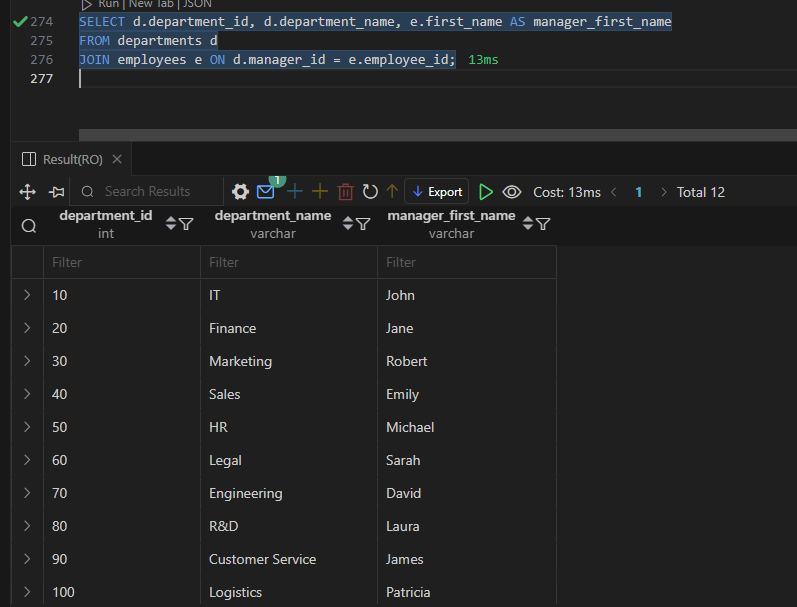
1. **Write a query to get the department name and the number of employees in the department.**



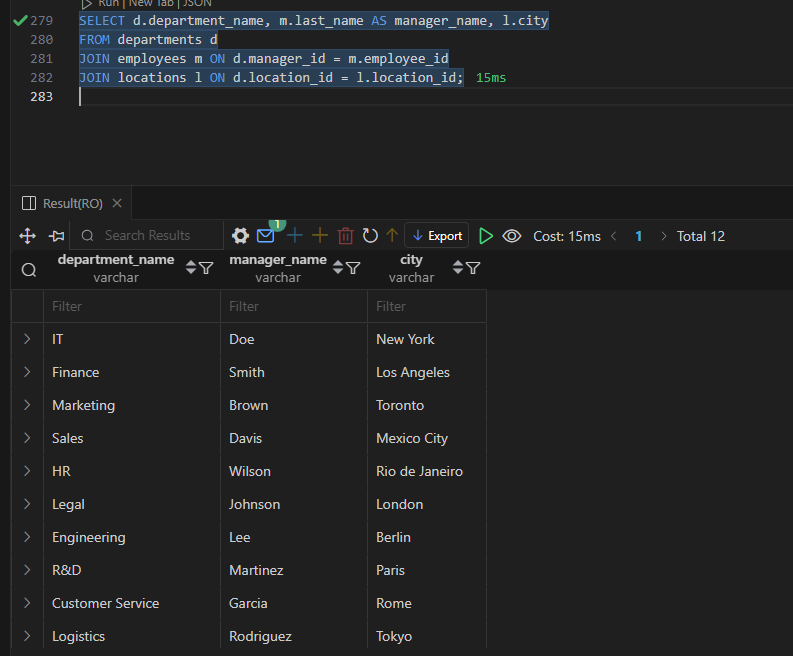
1. **Find the employee ID, job title, and the number of days between the ending date and starting date for all jobs in department 90 from job history.**

**WILL BE EXPLAIN IN CLASS ! ! !**

1. **Write a query to display the department ID, department name, and manager first name.**



1. **Write a query to display the department name, manager name, and city.**



1. **Write a query to display the job title and the average salary of employees.**

