Information System Management Lab
BCOM 307

Assignment #23

Submitted by:

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Department of Commerce

Academic Year: 2020-21

Semester: Vth

Assignment No. 23
Unit No:

Course/Subject Code: BCOM 307 **Subject Title: Information System Management Lab**
Issue Date **Last Date of Submission:**

Instructions for Students:

1. **All Questions are Compulsory.**
2. The student should attach proper cover page for each assignment clearly mentioning theAssignment No.
3. Each assignment should be prepared by the student individually with proper explaination andscreenshots.
4. A4 size ruled sheets should be used for the assignment.
5. Assignment pages should be serially numbered at the bottom of page.

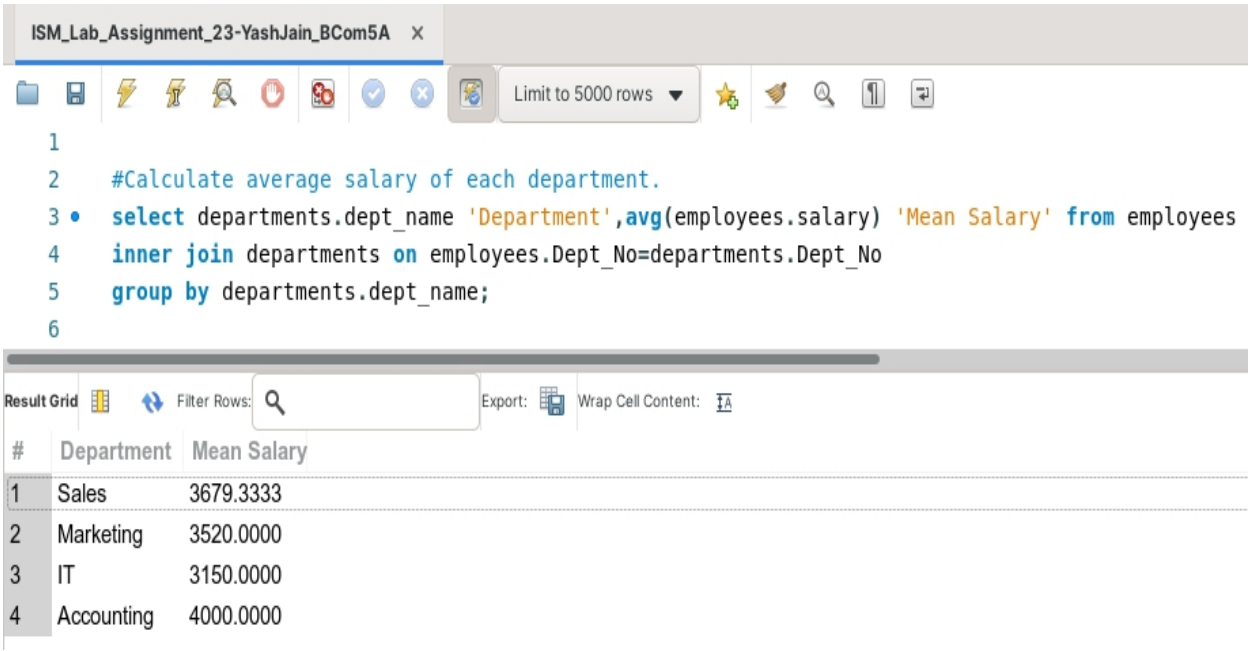
During online education mode, upload scanned copy of the complete assignment including cover page latest by due date.

Question No.	Question	CO No.
1	Calculate average salary of each department.	**CO2, CO3, CO4, CO5**
2	Find out the department id where the number of employees is more than 2.	
3	Display the distinct location from employee table in descending order.	
4	Update the salary of all employees whose location is Delhi by 20%.	
5	Display the employee name whose commission is more than the average commission.	

ASSIGNMENT 23 - SQL INNER JOIN CLAUSE II

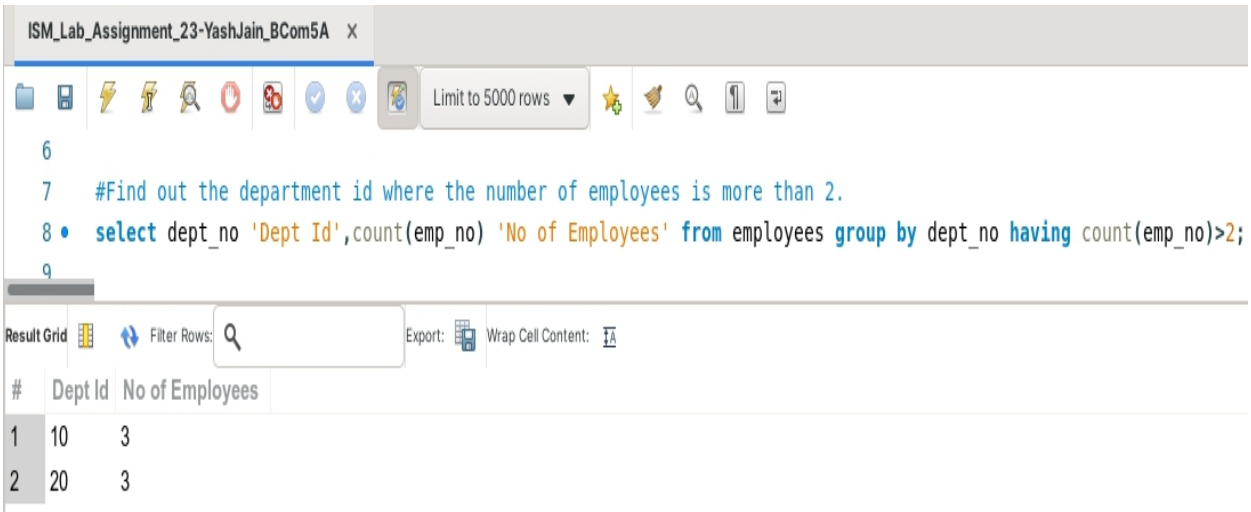
Task 1 : Calculate average salary of each department.

This task can be completed using the **SQL INNER JOIN Clause** used with the **GROUP BY** Clause.



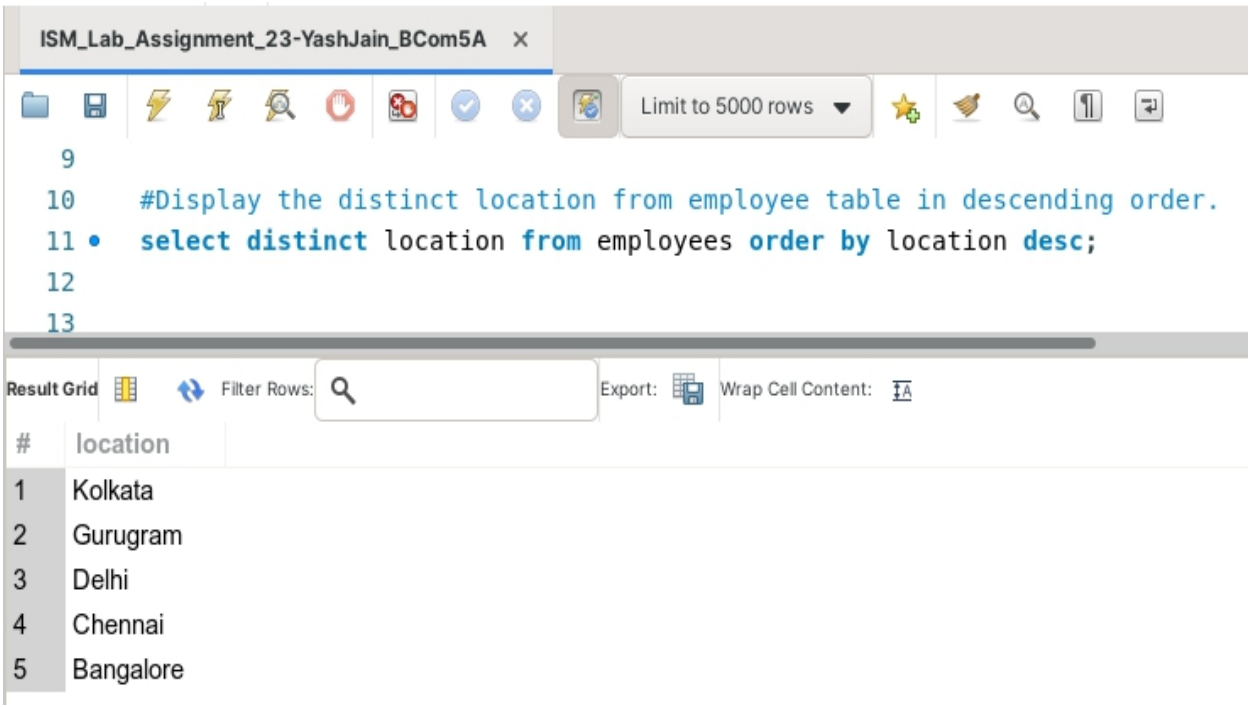
Task 2: Find out the department id where the number of employees is more than 2.

This task can be completed using the **COUNT( ) Aggregate function, GROUP BY** and **HAVING** clause.



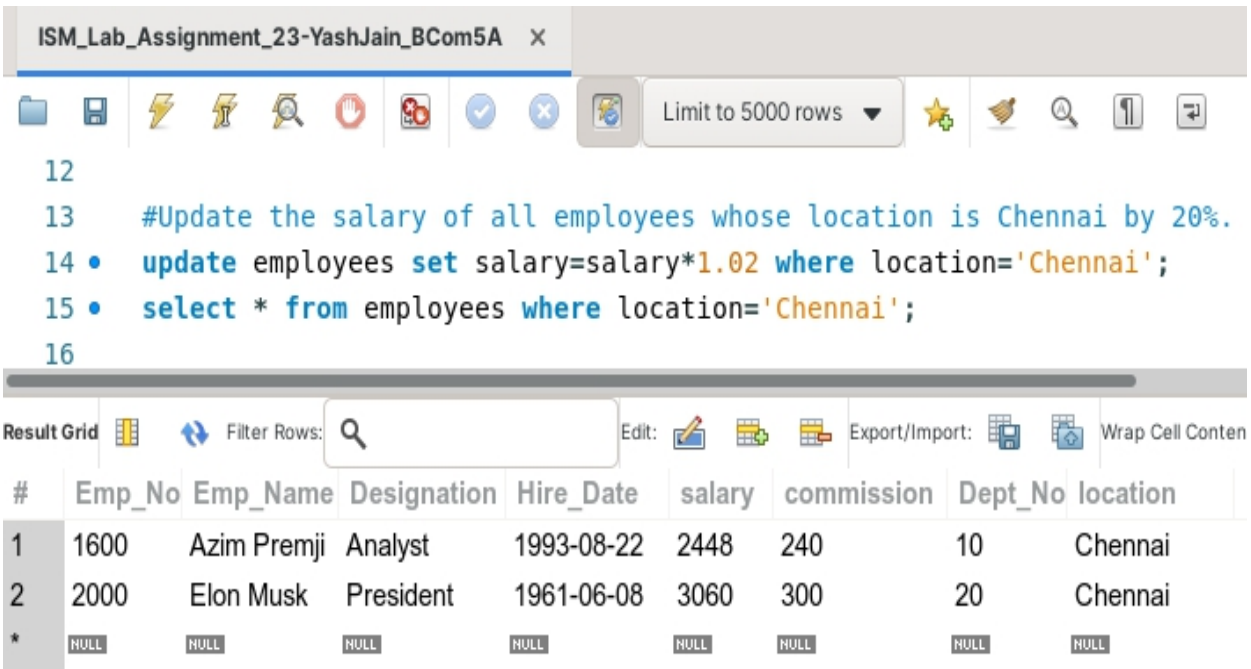
Task 3: Display the distinct location from employee table in descending order.

This task can be completed using the **DISTINCT** and the **ORDER BY** clause.



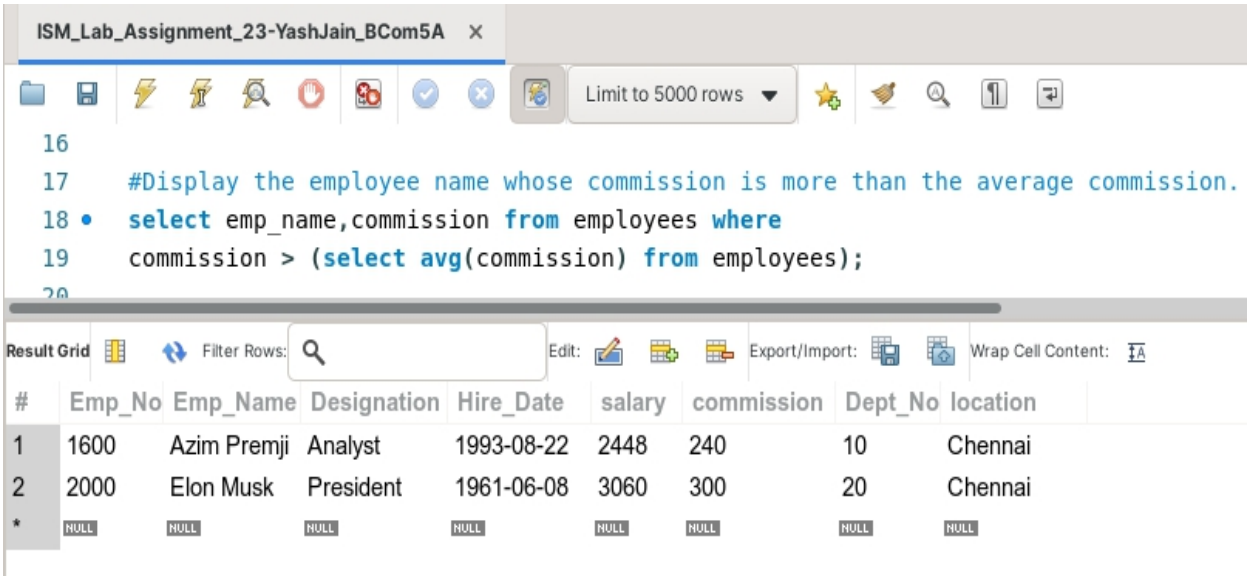
Task 4: Update the salary of all employees whose location is Delhi by 20%.

This task can be completed using the **UPDATE** Command and the **SET** Keyword.



Task 5: Display the employee name whose commission is more than the average commission.

This task can be completed using the **AVG( ) Aggregate Function** in the **SQL Sub-Query** along with the **SELECT** statement.



#	Emp_No	Emp_Name	Designation	Hire_Date	salary	commission	Dept_No	location
1	1600	Azim Premji	Analyst	1993-08-22	2448	240	10	Chennai
2	2000	Elon Musk	President	1961-06-08	3060	300	20	Chennai
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL