Information System Management Lab
BCOM 307

Assignment #21

Submitted by:

Name: YASH JAIN
Enrollment No: 03914788818
Semester: B.Com(H) 5th Semester
Class: B.COM(H)
Section: B.Com 5A
Date of Submission: 25/10/2021

Submitted to:

Praveen Kumar Singh
Assistant Professor, MAIMS

Department of Commerce
Maharaja Agrasen Institute of Management Studies
Affiliated to Guru Gobind Singh Indraprastha University, Delhi
Sector -22, Rohini, Delhi -110086, India; www.maims.ac.in

Maharaja Agrasen Institute of Management Studies
Affiliated to GGS IP University; Recognized u/s 2(f) of UGC
Recognized by Bar Council ofIndia; ISO 9001: 2015
Certified Institution Sector 22, Rohini, Delhi -110086, India;
www.maims.ac.in

Department of Commerce

Academic Year: 2020-21

Semester: Vth

Assignment No. 21
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.

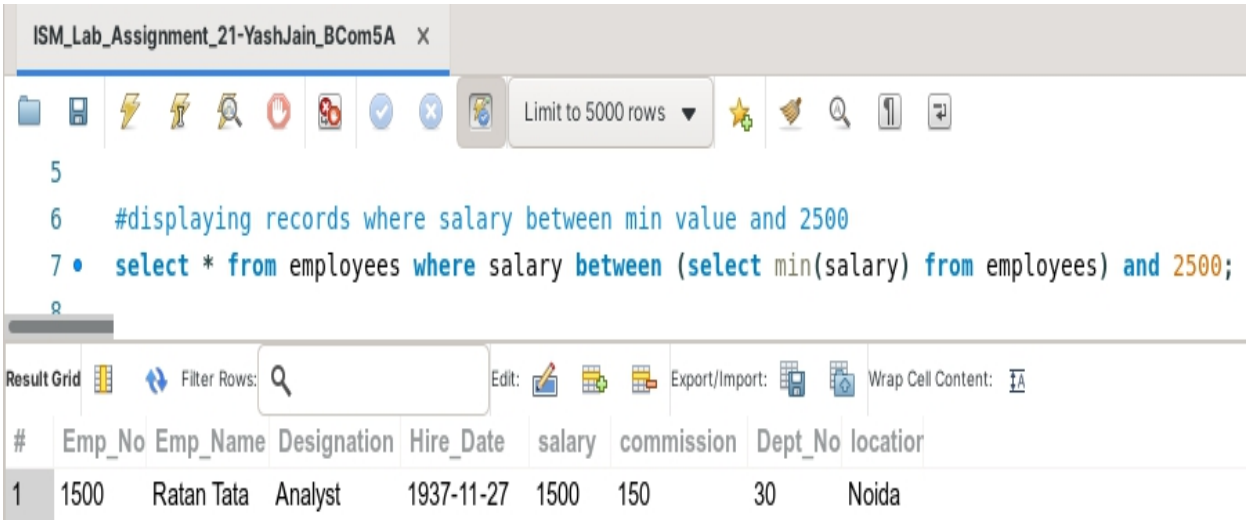
During online education mode, upload scanned copy of the complete assignment including cover page latest by due date.

Question No.	Question	CO No.
1	Display all of the information of the employees whose salary is within the range of smallest value and 2500.	**CO2, CO3, CO4, CO5**
2	Display the number of employees in each department with their department number.	
3	Display employee name, ID and Job Title of all employees with location Delhi.	
4	Write sql command to display the name and job title for all employees whose salary is more than average salary of all employees.	
5	Add a new column 'Location' in the employee table with values.	

ASSIGNMENT 21 - SQL SUB-QUERIES PRACTICE

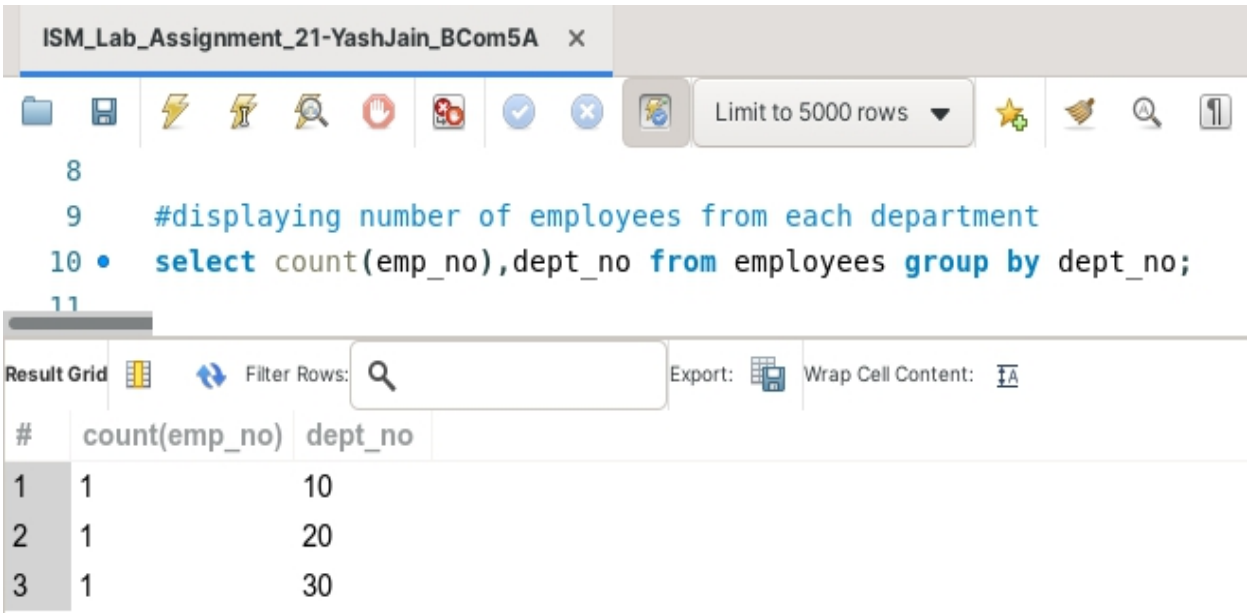
Task 1 : Display all of the information of the employees whose salary is within the range of smallest value and 2500.

This task can be completed using the **SQL Sub-queries** used with the **BETWEEN** Clause.



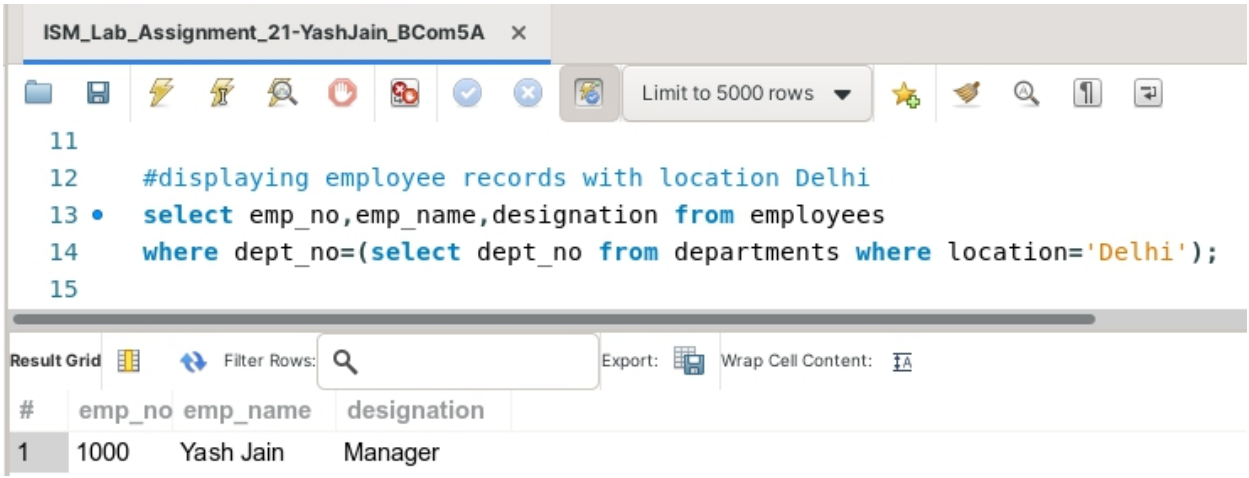
Task 2: Display the number of employees in each department with their department number.

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



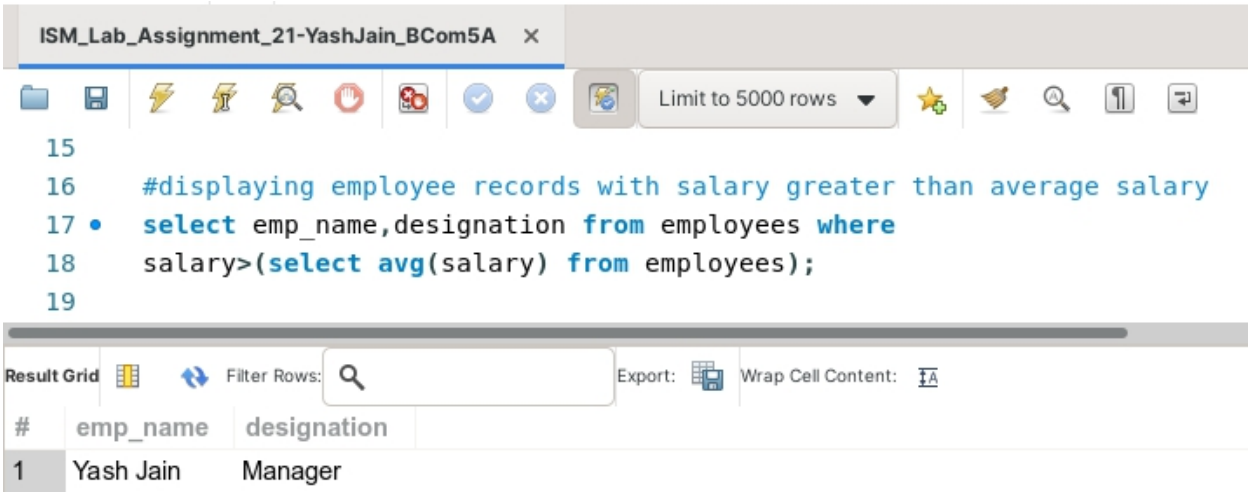
Task 3: Display employee name, ID and Job Title of all employees with location Delhi.

This task can be completed using the **WHERE** clause in the **Sub-Query.**



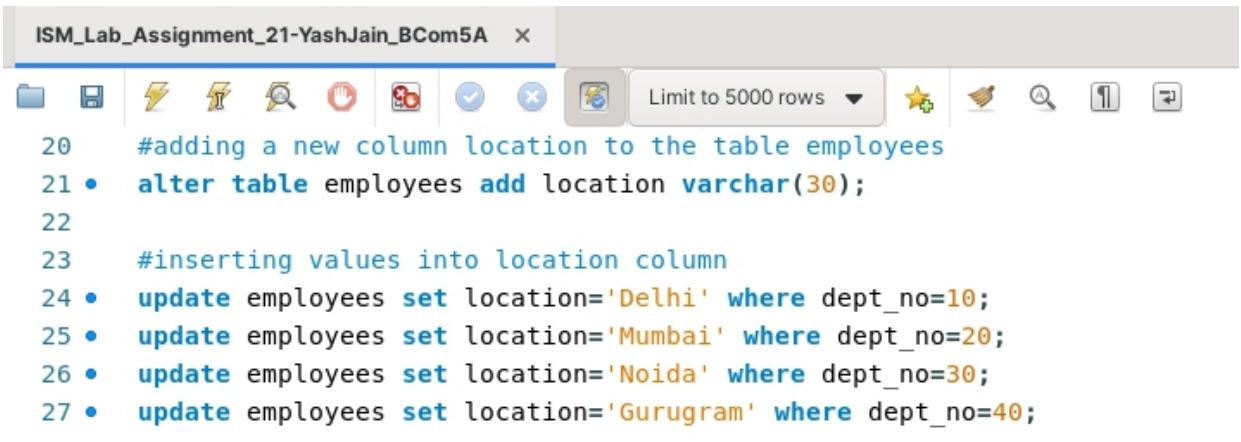
Task 4: Write SQL command to display the name and job title for all employees whose salary is more than average salary of all employees.

This task can be completed using the **AVG( )** aggregate function in the **Sub-Query.**



Task 5: Add a new column 'Location' in the employee table with values.

This task can be completed using the **ALTER and UPDATE Commands.**



```
28
29 •   select * from employees;
30
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

#	Emp_No	Emp_Name	Designation	Hire_Date	salary	commission	Dept_No	location
1	1000	Yash Jain	Manager	2000-07-13	4500	450	10	Delhi
2	1500	Ratan Tata	Analyst	1937-11-27	1500	150	30	Noida
3	2000	Elon Musk	President	1961-06-08	3000	300	20	Mumbai