

FACULTY OF COMPUTING & INFORMATION TECHNOLOGY

UNIVERSITY OF THE PUNJAB



Database Systems: Lab 06

BS-DS Fall-22 (Afternoon)

Date: 20-03-2024

Instructions

- Work on this quiz/lab individually.
- You are NOT allowed to use internet, mobile phone.
- You are NOT allowed to borrow anything from your peer student.
- You are NOT allowed to use **Chat GPT** , **Gemini** etc.
- In case of any ambiguity, benefit will be given to the students.
- First read the query statement carefully before solving it.
- In case of Cheating or sharing of lab solution may leads to **ZERO** marks.
- During lab TAs should entertained any query , no need to talk to peers.

==> To open the Oracle Server:

Write in the your Browser URLs

For Lab System Users: 172.16.0.8/isqlplus

For Laptop and Lab System Users: 172.16.0.8/isqlplus

Credentials:

Username: lab

Password: lab

Connection: orasrv

Proxy Settings for Laptop to use University Internet

Lab-A

Proxy 172.16.0.4

Port 8080

University Wifi's password be9317f9b8

You have to do following tasks:

Total marks: 100

- Question 1.** Write a query to list all employees who have not received any commission.
- Question 2.** List employees who are not managers but have subordinates with higher salaries.
- Question 3.** Write a query to find the employee with the highest salary who does not have a manager.
- Question 4.** Find the employee with the longest tenure in the company.
- Question 5.** Write a query that displays sum and average salary of department 10.
- Question 6.** List employees who have not received a commission and have a manager.
- Question 7.** Find the departments with the highest number of employees and display the department names along with the number of employees.
- Question 8.** Identify the lowest-paid employee in each department and display their names, job titles, and salaries.
- Question 9.** List employees who have the same manager and earn more than the average salary of their respective department. Display their names, job titles, and salaries.
- Question 10.** Retrieve the most recently hired employee in each department, displaying their names, hire dates, and the name of their manager.

😊😊😊 BEST OF LUCK 😊😊😊

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