

FACULTY OF COMPUTING & INFORMATION TECHNOLOGY

UNIVERSITY OF THE PUNJAB



Database Systems: Lab 07

BS-DS Fall-22 (Afternoon)

Date: 27-03-2024

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. Display the name, and department number for those employees who work in the same department as the employee who hold the name as Martin.

Question 2. Write an SQL query to fetch the names of managers who earn the highest salary.

Question 3. Write an SQL query to print the name of employees having the highest salary in each department.

Question 4. Display the location, department name, and number of those departments where at least 2 employees are working.

Question 5. Display the name of the department, average salary and number of employees working in that department who got commission..

Question 6. Write a SQL query to display all grade 4 and 5 analyst and manager.

Question 7. List the employees of Department no 20 whose jobs are same as Department no 10.

Question 8. Find the highest paid employee of sales department.

Question 9. List the employee in department 20 whose salary is greater than the average salary of department 10 employees.

Question 10. Find all the employees who earn the minimum salary for each job wise in ascending order.

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