

FACULTY OF COMPUTING & INFORMATION TECHNOLOGY

UNIVERSITY OF THE PUNJAB



Database Systems: Lab 04

BS-DS Fall-22(Afternoon)

Date: 06-03-2023

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** , **Bard** 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 01: Display the employee no, name, manger no, salary and hire date of employee, whose name starting with 'g' or 'a' or 'w' or "s". Also salary is left padding by 10 using '- '.

Question 02: Give a Query to show the salary and hire date of such employees whose names end with 'N' and hire date includes Feb as Month.

Question 03: Display employee names of only those employees who has "a" or "s" as second character and only three characters after it whose has no manager and he works in department 10.

Question 04: Write a query to display the employee name and experience of employees in weeks where department no is 20 or 30.

Question 05: For each employee, display the employee name and calculate the number if months between today and the date the employee was hired. Label the column MONTHS_WORKED. Order your results by the number of months employed. Round the number of months up to the closest whole number.

Question 06: Write a query to display department number and employee name of employees in uppercase and lowercase whose manager number is 7563. Label the columns UPPERCASE and LOWERCASE.

Question 07: Write a query that produces output like this: -
<Employee Name> earns <Salary> monthly but wants <5 times salary>.
Label the column Dream Salaries!

Question 08: Write a query that displays all columns of those employees who does not earn commission, put "No Commission". Label the Column NULL Commission.

Question 09: Write a query that displays HISAL salary in this format: -
\$99,999.00
Also display LOSAL in descending form.

Question 10: Write a query that displays employee name twice. First column with full name and second column without first letter of name.

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