

DBMS LAB**EXERCISE 1**

Date:11/07/2025

Q1. Read about the MySQL datatype and get familiar with how to use it.

Q2. Use the DDL commands performs the following operation:

- i) Create a table called EMP with the following structure.

NAME	TYPE
EMPNO	NUMBER(6)
ENAME	VARCHAR2(20)
JOB	VARCHAR2(10)
DEPTNO	NUMBER(3)
SAL	NUMBER(7,2)

Allow NULL for all columns except ename and job.

- ii) Add a column experience to the EMP table. Experience numeric null allowed.
iii) Modify the column width of the job field of EMP table.
iv) Create dept table with the following structure.

Name	Type
DEPTNO	NUMBER(2)
DNAME	VARCHAR2(10)
LOC	VARCHAR2(10)

v). drop a column experience from the EMP table.

Q3. Use the DML commands performs the following operation:

- i) Insert a single record into dept table.
ii) Insert more than a record into EMP table using a single insert command.
iii) Select employee name, job from the emp table

Q4. Use the DDL commands to i). Truncate the EMP table and drop the dept table.

Q5. Use the DCL commands to perform the following operation

- i. Create a new user ‘dbuser’ on the localhost
ii. Create a new database mysampldb and use that database for the following exercises.
iii. Grant all privileges for the dbuser on the mysampled

Q6. Use the DCL command to revoke privilege to the user. i) Create a new user ‘dbuser1’ on the localhost ii) Grant only select privileges for the dbuser1 on the EMP table iii) Revoke the select privileges for the dbuser1 on the EMP table.