

APPLICATION SOFTWARE DEVELOPMENT LAB

Submitted by,

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EXPERIMENT : 1

DATE : 13/09/2020

AIM : Creation of a database using DDL commands and writes DQL queries to retrieve information from the database.

DESCRIPTION :

- The DDL commands in SQL are used to create database schema and to define the type and structure of the data that will be stored in a database
- **Examples of DDL commands :**
- **CREATE** – is used to create the database or its objects (like table, index, function, views, store procedure and triggers).
- **DROP** – is used to delete objects from the database.
- **ALTER** – is used to alter the structure of the database.
- **TRUNCATE** – is used to remove all records from a table, including all spaces allocated for the records are removed.
- **DQL commands** are basically **SELECT statements**. **SELECT statements** let you **query** the database to find information in one or more tables, and return the **query** as a result set. A result set is an array structure; or more precisely, a result set is a two-dimensional array.
- **DQL** commands are basically **SELECT** statements

EXECUTION STEPS:

1. Create and use a database say SAMPLE using the following commands
 - a. `mysql> create database SAMPLE;`
 - b. `mysql> use SAMPLE;`
2. Execute the batch script for the 1st Experiment (Exp1) using either of the following commands.
 - a. `mysql> source Exp1.txt`
 - b. `mysql> \. Exp1.txt`