

## Third Year B. Tech (EL & CE)

Semester: V Subject: Data Base Management System

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Roll No: 52 Batch: A3

**Experiment No: 01** 

Name of the Experiment: SQL-DDL Commands

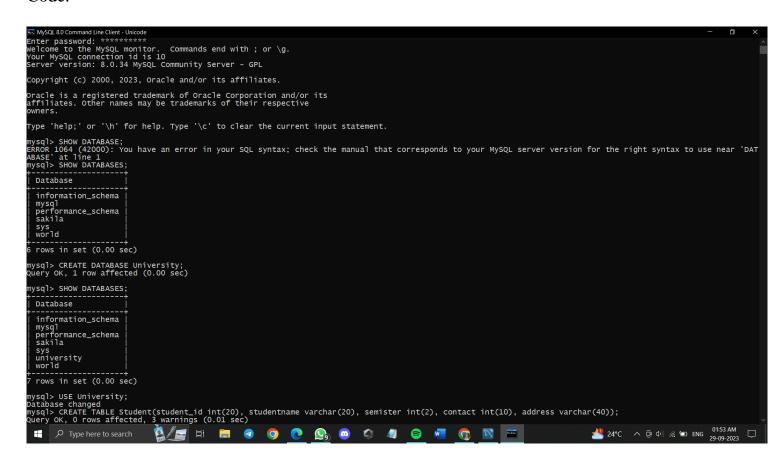
Performed on: 13/09/2023

Submitted on: 27/09/2023

## **Problem Statement:**

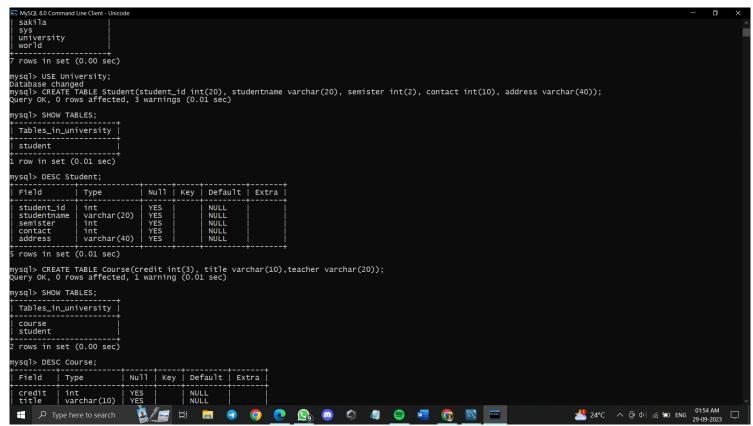
create, alter, drop, rename, truncate, description(All Basic commands: show: databases, tables, use database, create tables, drop: database, tables, description of table)

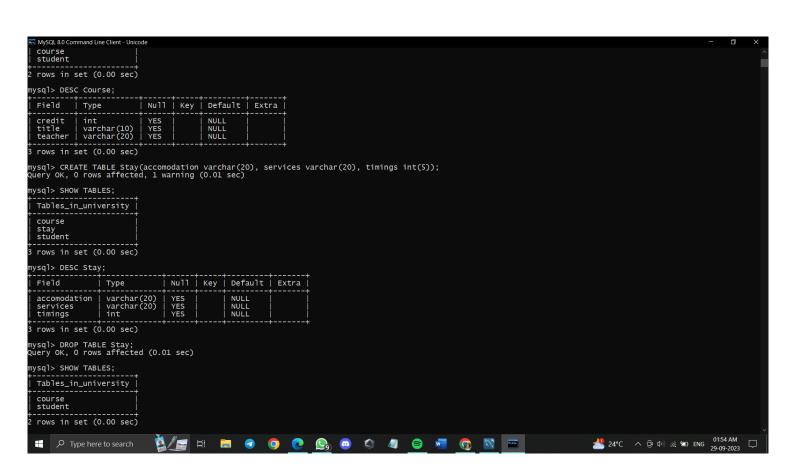
## Code:





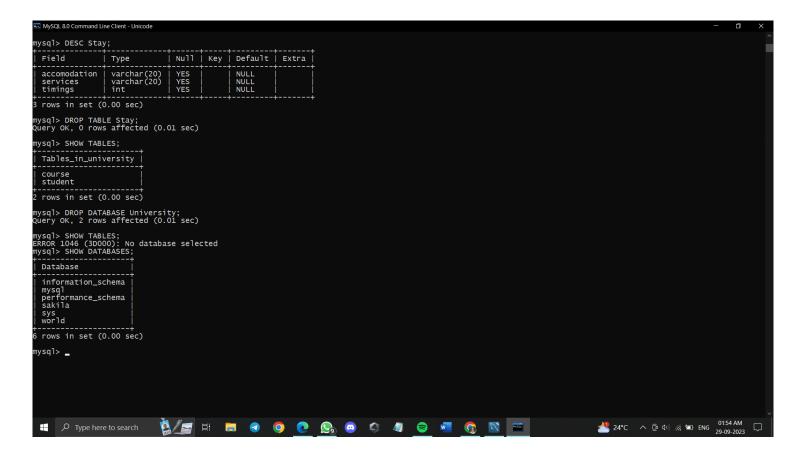
















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| SQL-DDL Commands  |
| create, alter, drop, rename, truncate, description (All Brusic Commands: drow: data baces, tables, use database, create tables, drop: database, tables, description of table) |
| O create Database-  |
| CREATE DATABASE database name;  |
| This command is used to create a now database in a database management system (DBMS)  |
| 2 ALTER DATABASE:   |
| ALTIER DATABAGE database name<br>Emodification-options;   |
| -> used to detete modify on existing database, such as changing its name or character set.  |
| 3 DROP DATABASE:  |
| DROP DATABASE database name;  |
| and its associated data permanently.  |





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|--|--|---|
|  | 4                                      | RENAME DATABASE:  |
| 10                                     | lon/                                   | RENAME DATABASE old-database name to new-database min   |
|  | ->                                     | used to rename an existing database   |
| -                                      | <b>(5)</b>                             | TRUNCATE TABLE:   |
| -                                      |  | TRUNCATE TABLE table _name;   |
|  | >                                      | used to remove all rows from a table while keeping the table structure intent                 |
|  | 6                                      | CREATE TABLE:   |
| \-<br>\-<br>\-                         |  | column 1 data type 1)  column 2 data type 2)  |
|  | epirlo                                 | 2;  |
| \                                      | 7                                      | ALTER TABLE:  |
| \-<br>\-<br>\-                         | 1                                      | ALTER TABLE table-name [modification _ options]   |
| \-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\- | >                                      | used to modify an existing table's structure, such as adding, modifying, or dropping columns, |
| -                                      | - /41                                  | and the descripted data perment   |



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| FACE RO.   |
| 3 DROP TABLE:  |
| DROP TABLE table name;   |
| This command is used to delete an existing table and all its data permanently. |
| @ SHOW DATABASES;  |
| SHOW DATABASES;  |
| -> used to list all the databases available in the corrent DBMS.               |
| (0) 6HOW TABLES:   |
| SHOW TABLES;   |
| -> Used to list all the tables in the currently selected database.             |
| DOSE DATABASE:   |
| USE database_name;   |
| -> used to select a specific database for further operations.                  |
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| (2)  | DESCRIBE TABLE  (OV DESCRIBE OV SHOW COLUMNS  FROM:  |
| -  | DESCRIBE FADILE STATION  |
| \ \rightarrow \rig | used to display information about the columns and their data types in a specific table.  |
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|  | My south of the state of the st |
| /2   | AD OHOW TABLES:  |
|  | SHOW TABLES  |
|  | covered to hist all the tables in the  |
| -  | (I) DSF DATABASE:  |
| /  | USE database name;   |
| \<br>\<br>\  | For Forths and altiques  |
| -  |  |