**LAB EXERCISES**

**EX.NO:02**

**CREATING A DATABASE, SHOWING AND BACKING UP DATABASES**

**AIM:**

**To write query to create a database, show and backing up databases.**

**PROCEDURE:**

1. **Creating a database:**

* **mysql> create database polytechnic;**
* **Query OK, 1 row affected (0.01 sec).**

1. **Showing databases:**

* **mysql> show databases;**

1. **Backup the database:**

* **Create a folder mysqlprograms in E: drive to store the sql files**
* **Use mysqldump command to backup the database.**
* **c:\Program Files\MySQL\MySQL Server 8.0\bin>mysqldump -u root -p polytechnic>e: \mysqlprograms\polytechnic.sql**
* **Enter password: \*\*\*\*\***
* **In E:\mysqlprograms folder, polytechnic.sql file is created which is the backup of polytechnic database.**

1. **Restoring the database:**

* **To restore the database polytechnic available in the file e:\mysqlprograms\polytechnic.sql, give the following command**
* **c:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u root -p polytechnic<e:\mysqlprograms\polytechnic.sql**
* **Enter password: \*\*\*\*\***

**RESULT:**

**Thus the above MYSQL commands are executed and the output is obtained.**