Practical-4

Aim   Perform the following

- Alteringa Table
- Dropping/ Truncating/Renaming Tables
- Backing up/Restoring a Database

Output :

- Alteringa Table

ALTER command   isused when you want to change a name of your table, any tablefieldor if we want to add or deletean existingcolumn ina table.

Syntax :

ALTER TABLE tablename
ADD (column- name datatype(size),....n);

- Dropping/ Truncating/Renaming Tables

DROP command   us used to drop a column from a created table.A DROP   clause willnot work ifthe column isthe only one leftin the

table.

Syntax :

ALTER TABLE tablename
DROP (column- name);

RENAME command isused to rename a table.

Syntax :

ALTER TABLE tablename
RENAME newtablename;

TRUNCATE command isused to deleteallthe
rows from the table.

Syntax :

TRUNCATE TABLE tablename;
DROP TABLE command isused to drop table.

Syntax :

DROP TABLE

tablename;

• Backing up/Restoring a Database

MYSQL   Backup and Restore from command   line.
This works for small sized databases very well as
well as is a quick and easy way to backup and
restore all local databases.

Syntax :
mysqldump   -u -p-alldatabases>dbfilename.sql
Restore alldatabase by logging in to mysql with
mysql -u-p
SOURCE   dbfilename.sql(if we are the directory
with dbfilename.sql or prepend path)
Next, Go to the Command   Prompt.

Then change the directory to the following access
the mysqldump   utility-
cd C:\Program Files\MySql\MySql   Server 5.1\bin
After that run the mysqldump.exe   using the
following command   :

C:\Program   Files\MySql\MySql   Server
5.1\bin\MYSQLDUMP1 [username] -p [password]

name]

If you supplied all the arguments properly, the program will connect to your current MYSQL Server 5.1 and create a dump of your whole database in the directory you specified in your C:\directory.

There is no message that will indicate the dump has been completed,

the text cursor will simply move to the next line.

Here, In the C drive- backup is the name of the folder and it contains the file "Companybackup.sql" namely.

Company is the database name

Restore a Database :

Note :The following command will only write the data that is the .sqfliel.

This will not drop and create the database or truncate any of your other tables in your database. The command will script all the table data in the .sqflil do your Company database. If you have a tablename present in your Company database that matches a tablename in the .sql

file,the table will be overwritten with the new data. Otherwise the script will create a new table and and populate it with the new data.
Once again, open a windows command prompt.
Click Start → Run
Enter "cmd" into the dialog box and click the "OK" button.
Go to the directory that the mysql client utility is located.
cd C:\Program Files\MySQL Server 5.1\bin
Import the dump of your database or table.
Run the mysql.exe program using the following arguments.
Mysql -u[username] -p[password] [database name]
<C:\[foldername]\[filename].sql