**Server link: codd.cs.gsu.edu

**To work in MySQL environment,
- make sure you have SSH (Secure Shell) installed in your computer/laptop/any other devices in which you prefer to work
- you will need your codd server username (your GSU student campus id) and password (as provided by codd server admin)

**To invoke the MySQL Client/ Access MySQL Server from The Shell Prompt (Command Line)
1. Log into your server link (codd.cs.gsu.edu) using a terminal emulator.
2. Use the following command to log into mysql

mysql Client Syntax

```
mysql -u {mysql-user} -p {mysql-password}
```

Where,
- -u {mysql-user}: Specify MySQL user name. Use root only when connecting to local system.
- -p {mysql-password}: Specify password, Employ the specified password when connecting to the database server. If a password is not supplied, it will be requested interactively.

For an instance, remote connect to MySQL server with username *george* and password *mayer*

```
$ mysql -u george –p
Enter password: mayer
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 98
Server version: 5.5.29 MySQL Community Server (GPL)
Cpoyright(c) 2000, 2012, Oracle and/or its affiliates. All rights reserved.
Type 'help;' or '\h' for help. Type '\c' to clear the buffer.
mysql>
```

**To verify that the database has been created/ To see what database it already has: Type the following command:
mysql> show databases;

**To create database (in codd, you are not given this privilege so, you should work on the database which is named as "your GSU campus id")
mysql> create database *userlogin*;
Query OK, 1 row affected (0.00 sec)
- **Note:** Replace *userlogin* with the name of your desired database.

- **Tip:** Names of databases, tables, and fields in MySQL are case sensitive. They can include the underscore character, but not spaces or hyphens.

**To use/work in the database that you have created

mysql>use npradhan1;

Database changed

**To see tables in your database

mysql>show tables;
Empty set (0.00 sec);

**To create table

mysql> create table user(username VARCHAR(20), password VARCHAR(20), email VARCHAR(20));
Query ok, 0 rows affected <0.12 sec> ()

mysql>show tables;

**To insert data in table

mysql>insert into user values ('Prince','12345','abc123@hotmail.com');

Query ok, 1 row affected

** Using select command

mysql>select *from user;

** Inserting many data in a table (repeat the insert command as many times as you need)

mysql>insert into user(username, password, email) values ('John','9876','xyz987@hotmail.com');

** Using select command with a particular character in the table

mysql>select *from user where username='Prince';

** Using update command

mysql> update user set password='welcome' where username='John';

** Using delete command

mysql> delete from user where username='Prince';

**To drop the table
Mysql>drop table user;

**After typing an SQL statement, end it with ";" (end your sql statement with semi-colon) and press [Enter] key

;

**To exit type quit or \q

quit;

**To get help

help;

Note: There are many more ways to use mysql commands that you should try at your own.

<center>**Useful Links**</center>

**SSH SecureShellClient + putty downloads:

https://shareware.unc.edu/#s

http://www.filewatcher.com/m/SSHSecureShellClient-3.2.3.exe.5476352-0.html

http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html

Note: To see how to install SSH, go to http://sils.unc.edu/it-services/servers/using-ssh

**Tutorials for unix users(recommended):
http://www.orafaq.com/wiki/SQL*Plus_FAQ#What_are_the_basic_SQL.2APlus_commands.3F

**How to change sql password:
http://www.techonthenet.com/oracle/password.php

**Altering tables:
http://www.techonthenet.com/sql/tables/alter_table.php

**Sql Command Line:
http://download.oracle.com/docs/cd/B25329_01/doc/appdev.102/b25108/xedev_sqlplus.htm

**Sql Tutorial:
http://download.oracle.com/docs/cd/B25329_01/doc/appdev.102/b25108/xedev_sqlplus.htm