Lab 02

Part A

Review basic information on how you communicate and work with your VM using the shell commands. Make sure you learn at least the basics of following:

- Navigation
- Manipulating (creating, editing, renaming) text files and directories
- Moving files between directories
- Zipping/Unzipping files & folders
- Changing permissions on files and directories
- Moving files from your host to VM using SCP

You can use the following resources:

- https://www.tutorialspoint.com/unix/unix-getting-started.htm
- https://www.digitalocean.com/community/tutorial_series/getting-started-with-linux
- https://www.lynda.com/Linux-tutorials/Learn-Linux-Command-Line-Basics/435539-2.html
- http://linuxcommand.org/

Part B

MySQL server is already installed on your virtual machine that you setup last week. After you 're logged in to your VM, you can connect with MySQL server using the following command:

```
mysql -u root -p
```

Then enter the root password for MySQL that you typed during VM installation.

Review and practice querying the database using SQL. You can use any of the following free resources:

- http://www.w3schools.com/sql/
- http://www.sqlcourse.com/
- https://dev.mysql.com/doc/refman/5.7/en/
- https://lagunita.stanford.edu/courses/DB/SQL/SelfPaced/about & https://lagunita.stanford.edu/courses/DB/RDB/SelfPaced/about
- https://www.khanacademy.org/computing/computer-programming/sql

I will give you a lab work next week based on SQL.