**UNIX Introduction Assignment**

Perform the operations below. In the blanks, write the commands you use to perform each operation and answer all questions.

Log into a UNIX computer.

Login

pasward

Make a directory called *DB*.

$ mkdir DB

Make *DB* your working directory.

$ cd DB

List the name of the working directory.

$ ls -l

What is the full path name for your working directory?

delgence1@delgence1-All-Series:~/DB$

Get into the mail program *mail*.

View a summary of the *mail* commands.

mail help

Get out of *mail help*.

Ctrl+c

Type the command to start sending yourself a mail message.

mail -s rohan.mitra@gmail.com

Type a message of at least three lines. How do you end and send the message?

Read mail you sent to yourself.

Save the message to yourself in a file called *myfile.*

Display the list of files in your directory.

$ls -l

View the online manual pages on *vi*.

man vi

Abort the display.

Kill psid

Using the *vi* editor, open *myfile.*

Vi myfile

Delete lines 3-5.

sed ‘3,5 d’ myfile

At the beginning of the file, insert a line giving the name of the file and a blank line. What command do you type for such an insertion?

i

What do you press to get out of insert mode?

esc

Delete "From" and the blank that follows "From" without deleting the entire line.

At the end of the last line, add "The End."

$ sed ‘$ a The End’ myfile

Get out of edit mode, save (write) and quit.

:wq

Display the file.

$ ls -l

Display the list of files with permissions.

sudo ls -l

What are the permissions?

There is three permission , I. Read 2.write 3. execute permission for files which is given by owner.

Move *mycopy* to your home directory.

Move to the home directory.

cd ..

Delete *mycopy*.

rm mycopy

Send a message to the professor using a UNIX mail system. Indicate problems and questions related to this assignment. Also, indicate the concept(s) and command(s) you found most difficult.

Log out

To recap, this assignment covered the following UNIX commands and concepts: Login and logout

Home, working, and parent directories and hanging the working directory

Listing the contents of a directory

Copying files Deleting files Editing with *vi* Email with *mail*