**Exercise A: Managing Directories.**

1. **Change the current directory to /home/**

cd /home/user

1. **Create a directory called systems**

mkdir -p systems

1. **Create a directory called exercises. Go to this directory and create another new directory called programming**

mkdir -p exercises | cd exercises | mkdir -p programming

1. **Go back to the user’s home directory. Delete the directories “exercises” and “programming” using just one command. Create the directories again with one command.**

cd ../.. | rm -rf exercises | mkdir -p exercises/programming

1. **Print the contents of the root directory**

ls /root

1. **Print all the files and directories that begin with d in the /usr/bin directory**

ls /user/bin d\*

1. **List all the files and directories in /etc, including subdirectories**

ls -R /etc

1. **Create the empty files called student.txt, student1.txt, student2.txt, list, luggage and last in the directory named “systems”**

touch /systems student.txt, student2.txt list luggage last

1. **Print all the files that begin with “l” in the directory “systems”**

ls /systems l\*

1. **Print all the files that end with “txt” in the directory “systems”**

ls /systems \*txt

1. **Create a new directory into $HOME called “config”**

mkdir -p $HOME/config

1. **Copy all the files in /etc which begin with “a” into “config”**

cp /etc/a\* config

1. **Delete all the files in “config” which end with “conf”**

rm -rf /config \*conf