1**. List the files in a directory, pipe the output of the**

**command to grep and find file names that start with 'a'.**

Answer:

ls | grep ^a

2. Read man page for wc and count the number of words in a file

Answer:

man wc; wc -w file.txt

3. Store the path of present working directory in a variable, navigate

to any other folder, use the variable to come back to the dir.

Answer:

var=`pwd`; cd .. ; cd $var

4. Create a script that asks for uid of a user and displays group name of that user along with other members(if any) of that group.

Answer:

#!/bin/bash

echo "Enter UID"

read uid

uname=`getent passwd "$uid" | cut -d: -f1`

if [ $uname ]

then

members=`grep ^$uname /etc/group | cut -d ":" -f 4`

if [ $members ]

then

echo "Members of the Group-$uname are: $members"

else

echo "No members found for Group-$uname"

fi

else

echo "UID not Found"

fi

5. Create a script that asks for a file name or path and displays if file is world executable or not.

Answer:

#!/bin/bash

echo -n “Enter file Name or Path: ”

read file

str=`ls -l $file`

s=`echo ${str:9:1}`

if [ $s = x ]

then

echo “File is World Executable”

else

echo “File is NOT World Executable”

fi

6. Create a script that asks for interface name and displays IP address for that interface.

Answer:

#!/bin/bash

echo -n “Enter Interface Name: ”

read nf

ip addr show $nf