mybackup.sh

#! /bin/bash

#

# This script uses functions from $HOME/Scripts/myfunctions

#

. $HOME/Scripts/myfunctions

echo “Welcome to version 2.0 of my backup script”

echo “This program backs up to the Cloud”

echo “......doing cloud stuff”

echo -n “would you like to back up your local directories ”

read ans

if [ $ans = ‘yes’ ]

then

menu

else

echo “Thanks for using my script”

fi

myfunctions.sh

#! /bin/bash

BACKUP\_DIR="$HOME/.secret/.backup"

chmod 700 $BACKUP\_DIR

echo “Please enter your name: ”

read name

menu() {

cat << END

MENU

----------------------------------------------------

1. Backup
2. Compress
3. Compress and backup
4. Quit menu

----------------------------------------------------

END

read\_input

}

backup\_func(){

echo “Please enter the directory you wish to backup: ”

read user\_backup

if [ -d user\_backup ]

then

cp -r user\_backup BACKUP\_DIR

else

echo “Invalid directory”

echo “Please try again”

fi

}

compress\_func(){

echo “Please enter the directory you wish to compress: ”

read user\_backup

if [ -d user\_backup ]

then

cd user\_backup

directory\_name=${PWD##\*/}

tar -zcvf directory\_name.tar.gz user\_backup

else

echo “Invalid directory”

echo “Please try again”

fi

}

compress\_and\_backup\_func(){

echo “Please enter the directory you wish to compress and backup: ”

read user\_backup

if [ -d user\_backup ]

then

cd user\_backup

directory\_name=${PWD##\*/}

cd BACKUP\_DIR

tar -zcvf directory\_name.tar.gz user\_backup

else

echo “Invalid directory”

echo “Please try again”

fi

}

function read\_input

{

while true

do

echo -n “Please select a number to continue: ”

read choice

case $choice in

1|1. |backup|Backup)

backup\_func

;;

2|2. |Compress|compress)

compress\_func

;;

3|3. |’Compress and backup’)

compress\_and\_backup\_func

;;

4|4. |Quit|quit|’Quit menu’)

echo “Exiting program.”

exit 5

;;

\*)

echo “Sorry not a valid option.”

echo “Please try again.”

;;

esac

done

}

Backup Script Assignment

#! /bin/bash

./mybackup.sh