1. Accept a login name from the user and check if the user has logged in.

Ans:

echo "Who are you?"

read user

echo $user

name=$(whoami)

if[$user == $name]

then

top -u $user

else

echo "not logged in"

fi

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2. Devise a script that will add the numbers passed as positional parameters.

Ans:

echo -n "Enter the first number : "

read num1

echo -n "Enter the second number : "

read num2

sum=expr $num1 + $num2

echo "sum of two value is $sum"

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3. Write a shell script that will remove a file taken as command line argument after taking the proper backup of file in /home/user1/backup directory.

Ans:

#!/bin/bash

# Set the filename

filename='test.txt'

# Create an empty file

touch $filename

# Check the file is exists or not

if [ -f $filename ]; then

rm test.txt

echo "$filename is removed"

fi

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4. Accept a file name and a number (x). Display x lines from the top of the file. Check if the file exists and is readable. The value of x should not exceed the total number of lines in the files. Display suitable messages in case an error is encountered.

Ans:

echo “enter the file name that we have to display”

read a

if [ -e $a ]

then

echo “enter the nos. of lines”

read b

x = ‘wc –l $a’

if [ $b –le $x ]

then

head -$b $a

else

echo “entered line is not found”

fi

else

echo “the file does not exist”

fi

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5. Display the name of files in the current directory. Also display the name of the file with maximum size and minimum size in the current directory. The size is considered in bytes

Ans:

#!/bin/bash

read -p "Enter path : " -r filep

echo " file path - size "

for i in $(find "$filep" -depth);

do

size=$(stat -c%s "$i")

if [ $size -gt 1000 ]

then

echo $i " - " $size

fi

done