**Linux Assignment 5**

1. Write a script by using -, \*, /

Script for substraction or –

Echo value of x and y

Read x

Read y

Sub=`expr $x + $y`

Echo $sub

Script for multiplication

Echo value of x and y

Read x

Read y

Mul=$(($x+$y))

Echo $mul

Script for division

Echo value of x and y

Read x

Read y

Div=`expr $x + $y`

Echo $div

1. While loop by using gt, ne, ge, lt, le

Shell script for greater than

Init=10

While [[ ${init} -gt 1 ]]

Do

Echo $init

((init--))

Done

Shell script for less than

Init=1

While [[ ${init} -lt 10

Do

Echo $init

((init++))

Done

Shell script for greater than or equal to

Init=10

While [[ ${init} -ge 1 ]]

Do

Echo $init

((init++))

Done

Shell script for less than or equal to

Init=1

While [[ ${init} -le 10 ]]

Do

Echo $init

((init++))

Done

Shell script for not equal

Init=1

While [[ ${init} -ne 10 ]]

Do

Echo $init

((init++))

Done

1. Give 5 examples of expressions

Script for substraction or –

Echo value of x and y

Read x

Read y

Sub=`expr $x + $y`

Echo $sub

Script for multiplication

Echo value of x and y

Read x

Read y

Mul=$(($x+$y))

Echo $mul

Script for division

Echo value of x and y

Read x

Read y

Div=`expr $x + $y`

Echo $div

Shell script for greater than

Init=10

While [[ ${init} -gt 1 ]]

Do

Echo $init

((init--))

Done

Shell script for less than

Init=1

While [[ ${init} -lt 10

Do

Echo $init

((init++))

Done