

GLS UNIVERSITY
Bachelor of Computer Applications (BCA)

Semester-IV
210301407 LINUX SHELL SCRIPTING (PRACTICAL)

Unit-1

echo & read demo :

```
echo "Enter your name"
read name
echo "Your name is : $name"
```

test command :

```
a=150
b=100
test $a -gt $b && echo "Yes"
```

if statement :

```
x=120
if [ $x -gt 100 ]
then
echo Hey that's a large number.
fi
```

if-else statement :

```
no1=10
no2=10

if [ $no1 -eq $no2 ]
then
    echo "Both variables are the same"
else
    echo "Both variables are different"
fi
```

if-elif (else if) statement :

```
echo enter a value
read a
echo enter another number
read b

if test $a -lt $b
```

```
then
echo $a is less than $b

elif test $a -gt $b
then
echo $a is greater than $b

else
echo both are equal
fi
```

switch case statement :

```
echo "Enter color name"
read color

case $color in
"red")
echo "You selected red color"
;;

"blue")
echo "You selected blue color"
;;

"pink")
echo "You selected pink color"
;;

*)
echo "By default color is black"
;;
esac
```

Command Line Arguments :

```
echo "total number of arguments are "$#
echo "arguments are "$*
echo "file Name is : "$0
#echo "The passed arguments are : $1,$2,$3"

if test -f $1
then
echo $1 "is file"
fi
```