**\*\*\*\*\*\*\* Shell Scripting Basics \*\*\*\*\*\*\***

echo “some text” -- To print some message

echo -e “some text” -- To ignore \n,\t etc.

read [-p] [-s] "Enter User Name - " -- To read user input

s= invisible while typing

***If* condition syntax:**

If [ “------” ]

then

echo “-----”/function call

elif [ “----” ]

then

echo “----”/function call

else

echo “---”/function call

fi

**Some values:**

-eq = equal to

-ne = not eqal to

-gt = greater than

-lt = less than

-ge = greater/eqal to

-le = less than/eqal to

-a = and

-o = or

$0 = file name

$1 = first argument ,$2=second argument and so on…

$@ = quoted values

$\* = --do --

$# = total no.of parameters

$? = status code of last command

$$ = process id

$! = process no. of last background

-z $var = sting length is zero

-n $var = string is not empty

-r $file = readonly

-w $file = write only

-x $file = executable file

-f $file = ordinary file

-d $file = directory

-s $file = file size is not zero

-e $file = file exists

-b $file = file block special file

***case* statement syntax:**

case “$1” in

start)

echo “Starting server”

;;

stop)

echo “Stopping server”

;;

\*)

echo “Invalid option”

esac

***for* loop syntax:**

for COLOR in red green blue orange

do

echo “Colour is: $COLOR”

done

***while* loop syntax:**

while [ "$CORRECT" != "y" ]

do

read -p "Enter your name: " NAME

read -p "Is ${NAME} correct? " CORRECT

done