# **Basic Shell Scripts:**

#### Output to screen

```
#!/bin/bash
# Simple output script
echo "Hello World"
```

#### **Defining Tasks**

```
#!/bin/bash
# Define small tasks
whoami
echo
pwd
echo
hostname
echo
ls -ltr
echo
```

## **Defining variables**

```
#!/bin/bash
# Example of defining variables
a=Imran
b=Afzal
c='Linux class'
echo "My first name is $a"
echo "My surname is $b"
echo 'My surname is $c'
```

## **Read Input**

```
#!/bin/bash
# Read user input
echo "What is your first name?"
read a
echo
echo "What is your last name?"
```

```
read b
echo
echo Hello $a $b
```

## Scripts to run commands within

```
#!/bin/bash
# Script to run commands within

clear
echo "Hello `whoami`"
echo
echo "Today is `date`"
echo
echo "Number of user login: `who | wc -l `"
echo
```

#### Read input and perform a task

```
#!/bin/bash
# This script will rename a file
echo Enter the file name to be renamed
read oldfilename
echo Enter the new file name
read newfilename
mv $oldfilename $newfilename
echo The file has been renamed as $newfilename
```