

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
```