

**GETTING STARTED  
WITH  
SHELL PROGRAMS**

➤ **SAMPLE SHELL PROGRAMS:**

1. Interactive Shell Program:

```
#!/bin/sh  
#Interactive Shell program  
echo "What is your Name \?"  
read name  
echo "Hello $name. Happy Programming."
```

2. **Hostname with a variable program:**

```
#!/bin/bash  
#Shell script example  
a=hostname  
echo "Hello My Server Name is $a"  
echo "What is your name?"  
read b  
echo Hello $b
```

3. **Scripts to run commands within:**

```
$vim demo3.sh  
#!/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
```

#### 4. 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
```

#### 5. Variables examples:

```
#!/bin/sh
#Examples of variables
a=20
b=40
name=India
echo "a value is : $a"
echo "b value is : $b"
echo "Name is: $name"
```

**6. Write a script accept a filename and delete all empty lines:**

```
#!/bin/sh
echo -n "Enter a file name for delete blank lines:"
read fname
grep -v "^$" $fname >temp
mv temp $fname
echo "Successfully empty lines are deleted"
```

**7. Write a script delete all Duplicate lines:**

```
#!/bin/sh
#Delete Duplicate lines
echo -n "Enter a filename to delete duplicate lines:"
read fname
sort $fname | uniq -u >temp
mv temp $fname
echo "Duplicatd lines are successfully deleted"
```

**8. Write a program sum Two Values:**

```
#!/bin/bash
echo -n "Enter a Value1 : "
read a
echo -n "Enter a Value2 : "
read b
c=`expr $a + $b`
echo "Sum of $a and $b is: $c"
```