

65011304 OS Lab 2

1. variable.sh

```
shoviper@shoviper: ~  
salutation="Hello"  
echo $salutation  
echo "The program $0 is now running"  
echo "The first parameter is $1"  
echo "The second parameter is $2"  
echo "The parameter list is $*"   
echo "The user's home folder is $HOME"  
exit 0
```

:wq|

```
shoviper@shoviper:~$ vi variable.sh
shoviper@shoviper:~$ chmod +x variable.sh
shoviper@shoviper:~$ ./variable.sh 12345 67890
Hello
The program ./variable.sh is now running
The first parameter is 12345
The second parameter is 67890
The parameter list is 12345 67890
The user's home folder is /home/shoviper
```

2. ifdemo.sh

```
shoviper@shoviper: ~  
echo "Is it morning? yes or no"  
read timeofday  
if [ $timeofday = "yes" ]  
then  
    echo "Good Morning"  
elif [ $timeofday = "no" ]  
then  
    echo "Good Afternoon"  
else  
    echo "Sorry, $timeofday not recognized"  
    exit 1  
fi  
exit 0
```

```
shoviper@shoviper:~$ vi ifdemo.sh
shoviper@shoviper:~$ chmod +x ifdemo.sh
shoviper@shoviper:~$ ./ifdemo.sh
Is it morning? yes or no
yes
Good Morning
shoviper@shoviper:~$ ./ifdemo.sh
Is it morning? yes or no
no
Good Afternoon
shoviper@shoviper:~$
```

3. fordemo.sh

```
#fordemo.sh
NUMS="1 2 3 4 5 6 7 8 9"
for i in $NUMS
do
    printf "%d\n" $i
    q=`expr $i + 1`
    printf "%d\n" $q
done
for file in $HOME/.bash*
do
    printf "%s\n" $file
done
for file in $(find . -type d -name "L*")
do
    printf "%s\n" $file
done
```

15,6 All

```
shoviper@shoviper:~$ vi fordemo.sh
shoviper@shoviper:~$ chmod +x fordemo.sh
shoviper@shoviper:~$ ./fordemo.sh
1
2
2
3
3
4
4
5
5
6
6
7
7
8
8
9
9
10
/home/shoviper/.bash_history
/home/shoviper/.bash_logout
/home/shoviper/.bashrc
shoviper@shoviper:~$
```