

1. Script to search a file and say if the file exists or not.

```
#!/bin/sh
if [ $# -ne 1 ]
then
    echo "Usage $0 <File-name>"
    exit 1
fi
if [ -f $1 ]
then
    echo "$1 File Exist"
else
    echo "Sorry, '$1' File does not exist"
fi
```

2. Script display the users logged in the system with date and time. However it does not work completely. Correct the problem in it. Also modify the script such that it should auto run when user log in the system.

```
#!/bin/bash

echo "Your Username: $(echo $USER)"

echo "Current date and time: $(date)"

echo "Currently logged users are:"
who
hour=`date | cut -c12-13`

if [ $hour -lt 12 ]
then output=" Good Morning $LOGNAME"
fi

if [ $hour -gt 12 -a $hour -le 16 ]
then output="Good Afternoon $LOGNAME"
fi

echo -e "$output\nToday is $(date)"
```

3. Script to convert the decimal to hexadecimal number.

```
#!/bin/bash
```

```
n=0
hex=0
echo "Decimal to hexadecimal converter ver. b0.1"
echo -n "Enter number in decimal format : "
read n
hex=`echo "obase=16;ibase=10; $n" | bc`
echo -e "$n is equivalent \"$hex\" in hexadecimal"
```