

Experiment4:

(A) Write a shell script that determines the period for which a specified user is working on the system.

Command: nano filename.sh

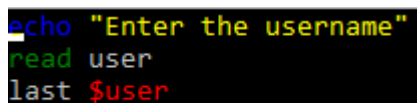
Script: echo "enter the desired username:"

read user

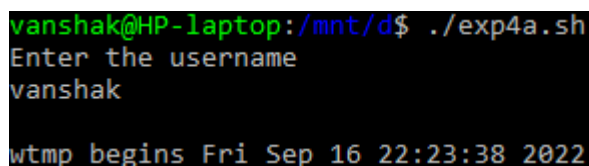
last \$user

Terminal: chmod +x filename

./nameofthefile.sh



```
echo "Enter the username"
read user
last $user
```



```
vanshak@HP-laptop:/mnt/d$ ./exp4a.sh
Enter the username
vanshak
wtmp begins Fri Sep 16 22:23:38 2022
```

(B) Write a shell script that displays all the lines between start and end line numbers passed as arguments.

Command: nano filename.sh

Script: echo "enter the filename:"

Read fname

echo "enter the starting line number:"

read s

echo "enter the ending line number:"

read n

sed -n \$s,\$n\p \$fname

Terminal: chmod +x filename

./nameofthefile.sh

```
echo "enter the filename:"
read fname
echo "enter the starting line number:"
read s
echo "enter the ending line number:"
read n
sed -n $s,$n\p $fname
```

```
vanshak@HP-laptop:/mnt/d$ cat f3.txt
hello how are you
welcome to miet
this is cse branch
this is 3rd sem
vanshak@HP-laptop:/mnt/d$ ./exp4b.sh
enter the filename:
f3.txt
enter the starting line number:
1
enter the ending line number:
3
hello how are you
welcome to miet
this is cse branch
```

(C) Write a shell script that deletes all lines containing a specified word in one or more files supplied as arguments to it.

Command: nano filename.sh

Script: if [\$# -eq 0]

then

echo No Arguments

else

pattern=\$1

shift

for fname in \$*

do

if [-f \$fname]

echo Deleting: \$pattern From: \$fname

sed '/\$ pattern'/d' \$fname

else

echo \$fname: File name not found

fi

done

fi

Terminal: chmod +x filename

./nameofthefile.sh

```
if [ $# -eq 0 ]
then
echo No Arguments
else
pattern=$1
shift
for fname in $*
do
if [ -f $fname ]
then
echo Deleting: $pattern From: $fname
sed '/'$pattern'/d' $fname
else
echo $fname : File name not found
fi
done
fi
```

```
vanshak@HP-laptop:/mnt/d$ cat f3.txt
hello how are you
welcome to miet
this is cse branch
this is 3rd sem
vanshak@HP-laptop:/mnt/d$ ./exp4c.sh cse f3.txt
Deleting: cse From: f3.txt
hello how are you
welcome to miet
this is 3rd sem
```