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Experiment : 5

- Write a shell script that determines the period for which a specific user is working on the system.

```
suresh@suresh-QEMU-Virtual-Machine: ~  
echo "Enter the Name of User"  
read username  
last $username  
~
```

```
suresh@suresh-QEMU-Virtual-Machine: ~  
suresh@suresh-QEMU-Virtual-Machine:~$ vi script.sh  
suresh@suresh-QEMU-Virtual-Machine:~$ chmod +x script.sh  
suresh@suresh-QEMU-Virtual-Machine:~$ ./script.sh  
Enter the Name of User  
suresh  
suresh      :0      :0      Wed Nov  9 01:33  still logged in  
suresh      :0      :0      Wed Nov  9 01:17 - crash (00:15)  
suresh      tty2     tty2     Wed Nov  9 01:15 - down (00:01)  
suresh      tty2     tty2     Wed Nov  9 01:06 - down (00:08)  
suresh      tty2     tty2     Wed Nov  9 01:00 - down (00:05)  
  
wtmp begins Wed Nov  9 00:59:49 2022  
suresh@suresh-QEMU-Virtual-Machine:~$ |
```

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

```
suresh@suresh-QEMU-Virtual-Machine: ~  
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  
~
```

```
suresh@suresh-QEMU-Virtual-Machine: ~
suresh@suresh-QEMU-Virtual-Machine:~$ ./script2.sh
enter the filename
file.txt
enter the starting line number
2
enter the ending line number
6
Welcome
To
The
Coding
World
suresh@suresh-QEMU-Virtual-Machine:~$ |
```

- Write a shell script that displays all the lines between start and end line numbers passed as argument

```
suresh@suresh-QEMU-Virtual-Machine: ~
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
~
~
~
~
~
"script2.sh" 15 lines, 214 bytes
```