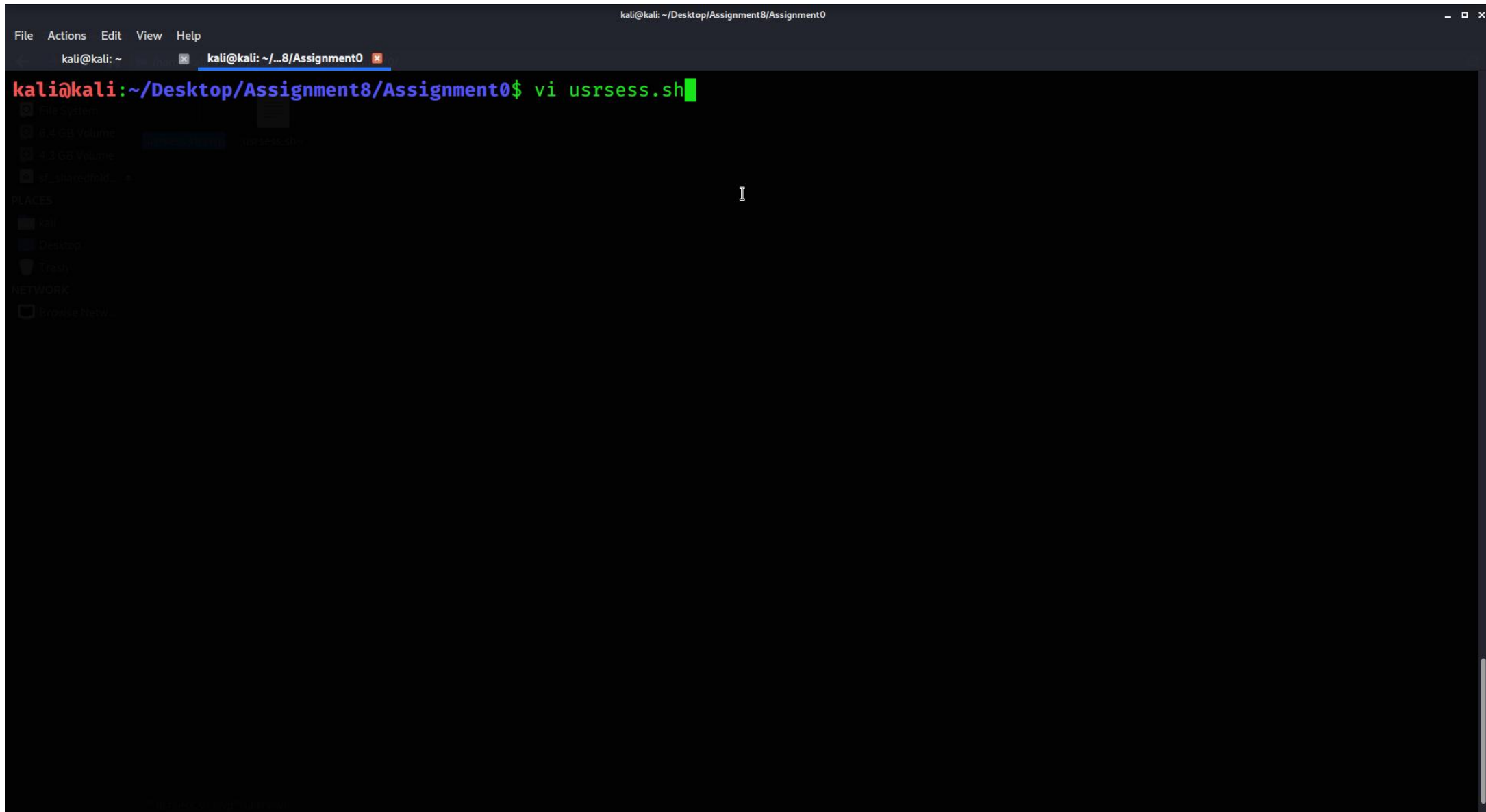


# Assignment 0



File Actions Edit View Help

```
#to print user name
echo "User name is $USER"

#to print current date and time

echo "Today's date is `date +%d/%m/%Y`"
echo "Today's Time is `date +%r`"

# to print current working directory
echo "Your current working directory is $PWD"

#to find the number of files and directories present in current directory
if [ -d "$@" ]; then
    echo "Number of files is $(find "$@" -type f | wc -l)"
else
    echo "[ERROR] Please provide a directory."
    exit 1
fi

#to find biggest directory among present directory
echo "Biggest file in current directory is "
find . -printf '%s %p\n'|sort -nr|sed 1q
```

```
kali@kali: ~/Desktop/Assignment8/Assignment0
File Actions Edit View Help
kali@kali: ~ kali@kali: ~/...8/Assignment0 x
kali@kali:~/Desktop/Assignment8/Assignment0$ vi usrsess.sh
kali@kali:~/Desktop/Assignment8/Assignment0$ ls
step1.png usrsess.sh
kali@kali:~/Desktop/Assignment8/Assignment0$ chmod +x usrsess.sh
kali@kali:~/Desktop/Assignment8/Assignment0$
```

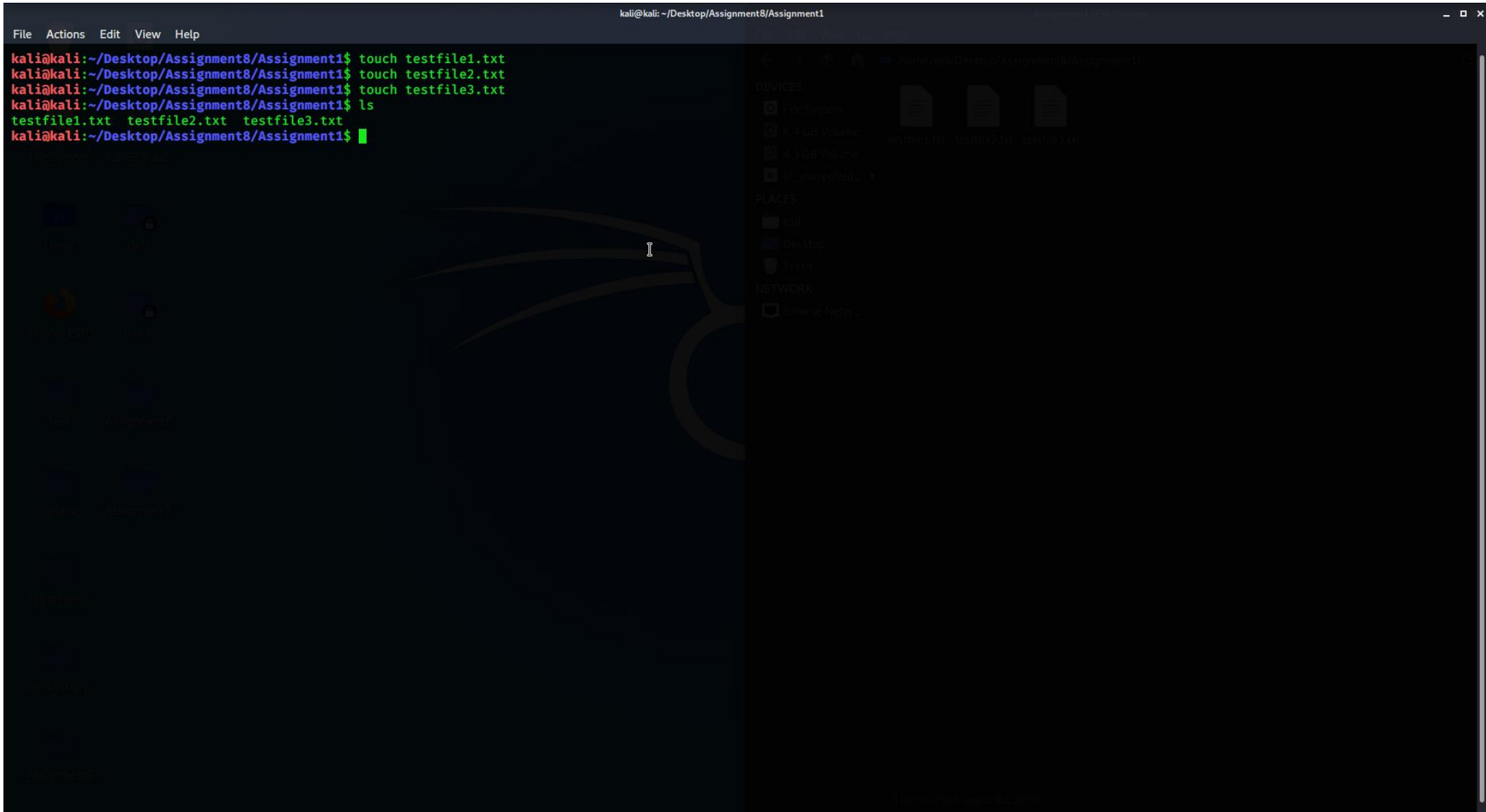
Left sidebar icons: Home, Desktop, Files, NETWORK, Browse history

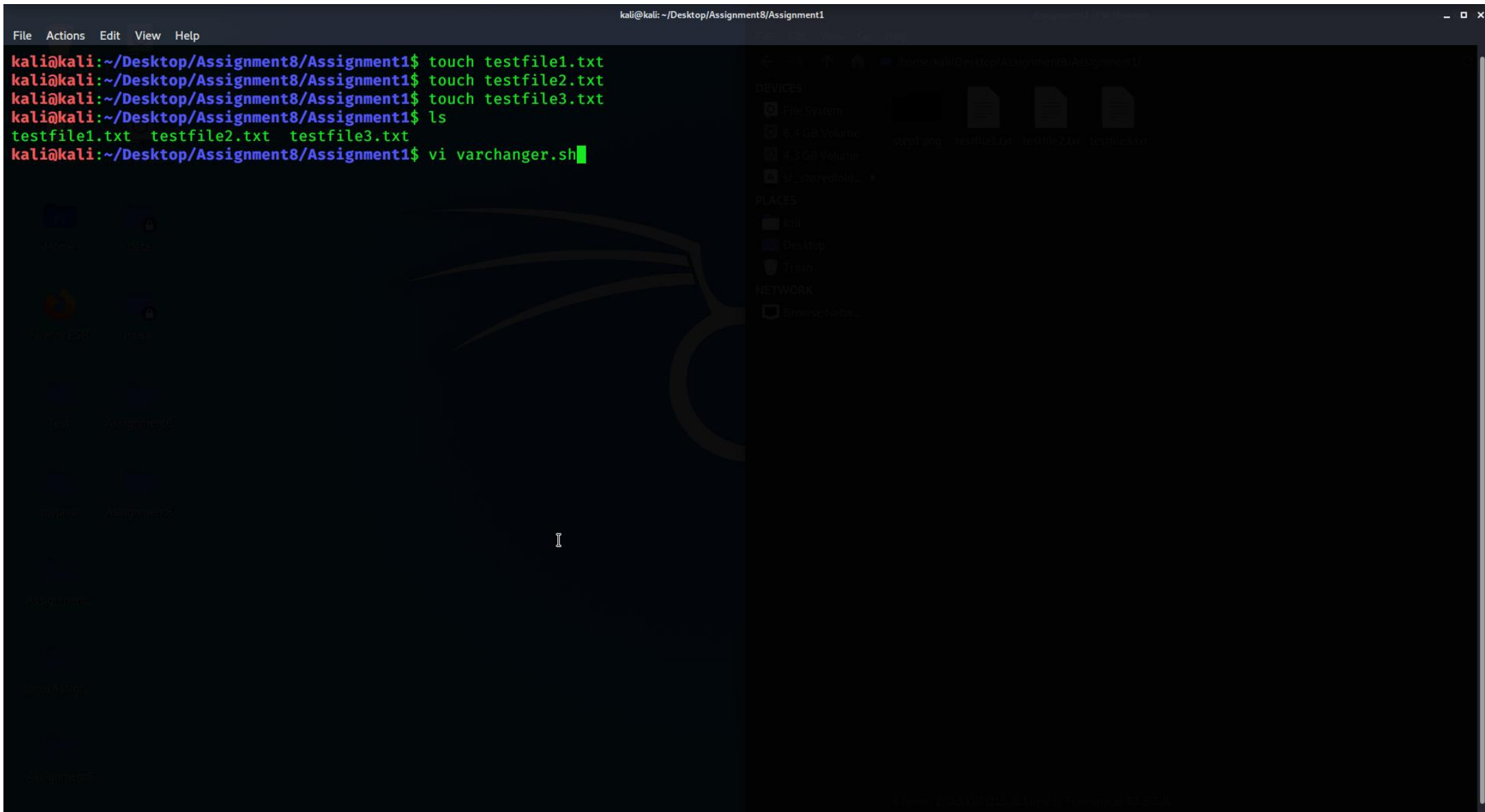
```
kali@kali: ~/Desktop/Assignment8/Assignment0
File Actions Edit View Help
kali@kali:~/Desktop/Assignment8/Assignment0$ ./usrsess.sh
User name is kali
Today's date is 12/12/2020
Today's Time is 08:25:44 AM
Your current working directory is /home/kali/Desktop/Assignment8/Assignment0
Number of files is 4
Biggest file in current directory is
132504 ./step2.png
kali@kali:~/Desktop/Assignment8/Assignment0$ █

PLACES
📁 /
📁 Desktop
📁 Downloads
📁 Files

NETWORK
🌐 Browse Data
```

# Assignment 1





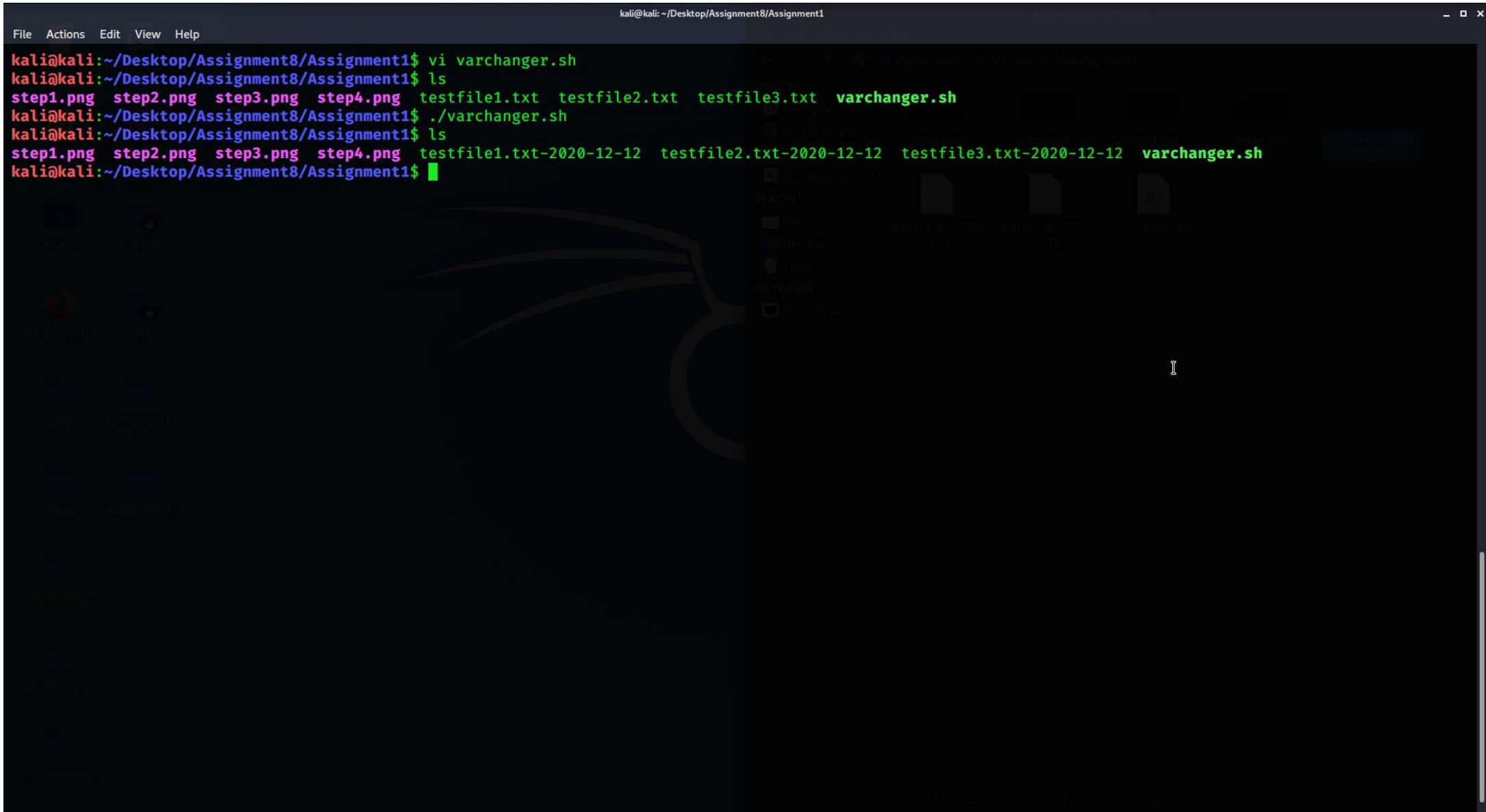




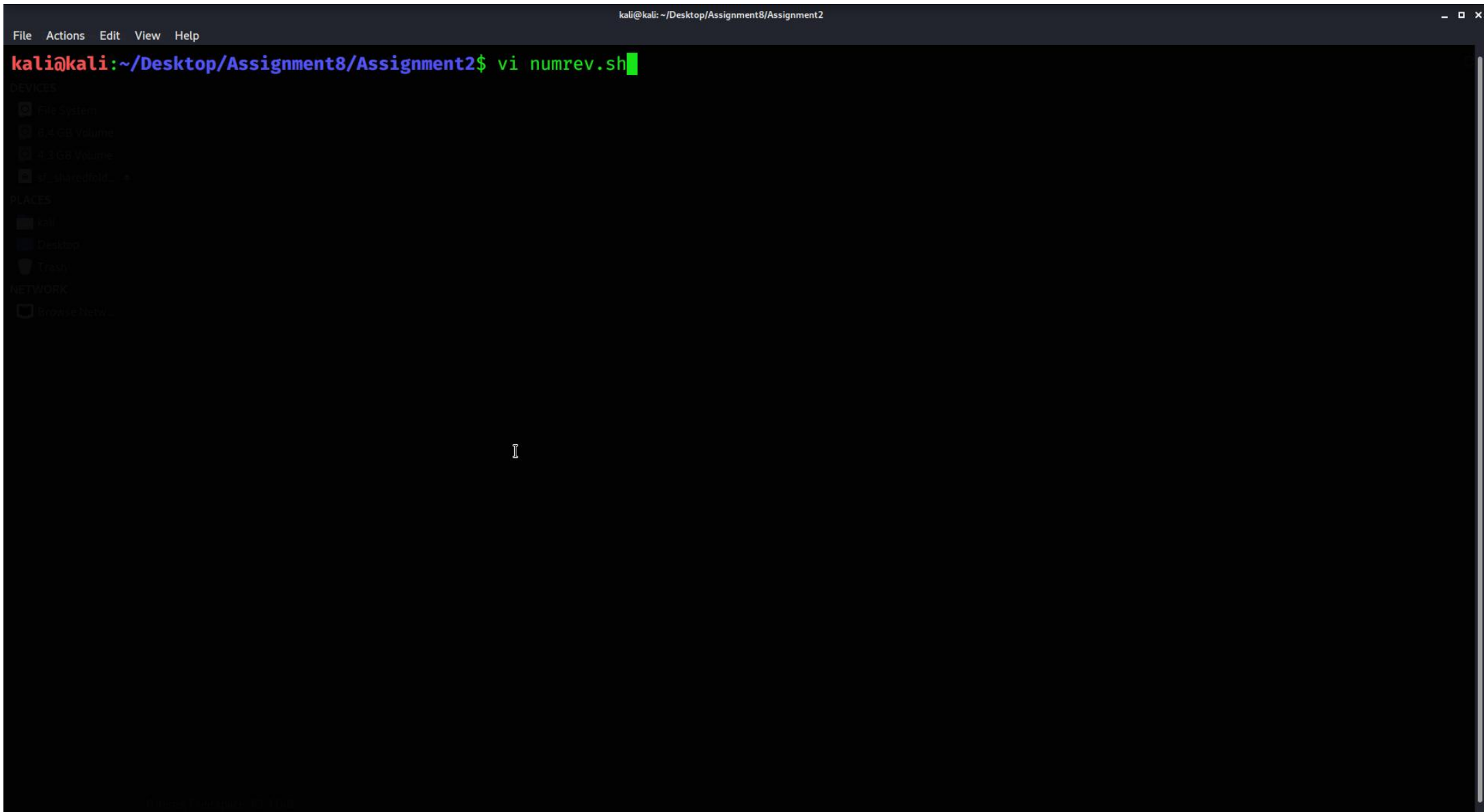
File Actions Edit View Help

```
kali@kali:~/Desktop/Assignment8/Assignment1$ touch testfile1.txt
kali@kali:~/Desktop/Assignment8/Assignment1$ touch testfile2.txt
kali@kali:~/Desktop/Assignment8/Assignment1$ touch testfile3.txt
kali@kali:~/Desktop/Assignment8/Assignment1$ ls
testfile1.txt testfile2.txt testfile3.txt
kali@kali:~/Desktop/Assignment8/Assignment1$ vi varchanger.sh
kali@kali:~/Desktop/Assignment8/Assignment1$ chmod +x varchanger.sh
kali@kali:~/Desktop/Assignment8/Assignment1$ █
```

```
#!/bin/bash
#DAY=$(date +%F)
cd /$PWD
#for FILE in *.png
#do
#  mv $FILE ${DAY}-${FILE}
#done
```



# Assignment 2



```
clear
```

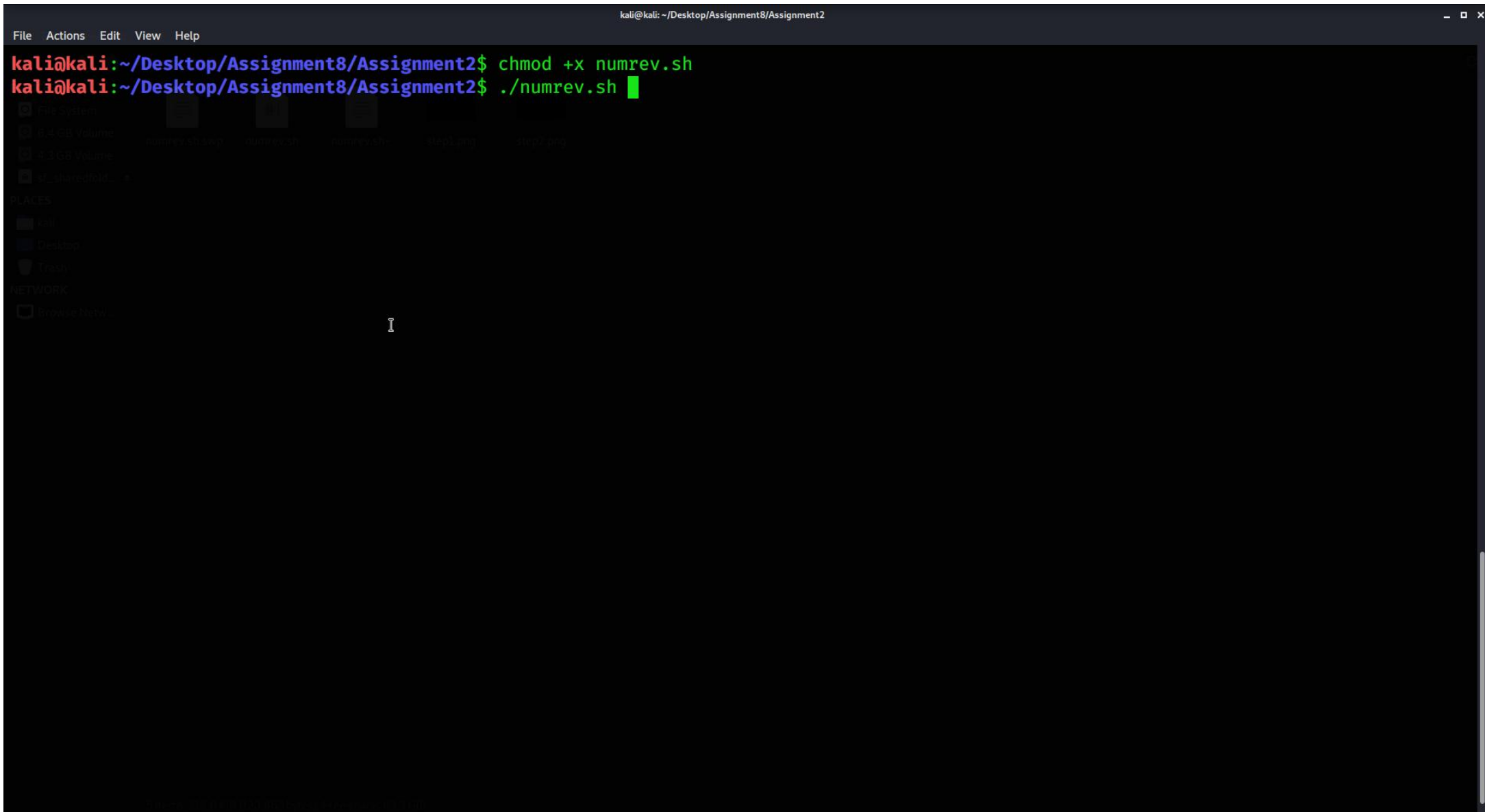
File System

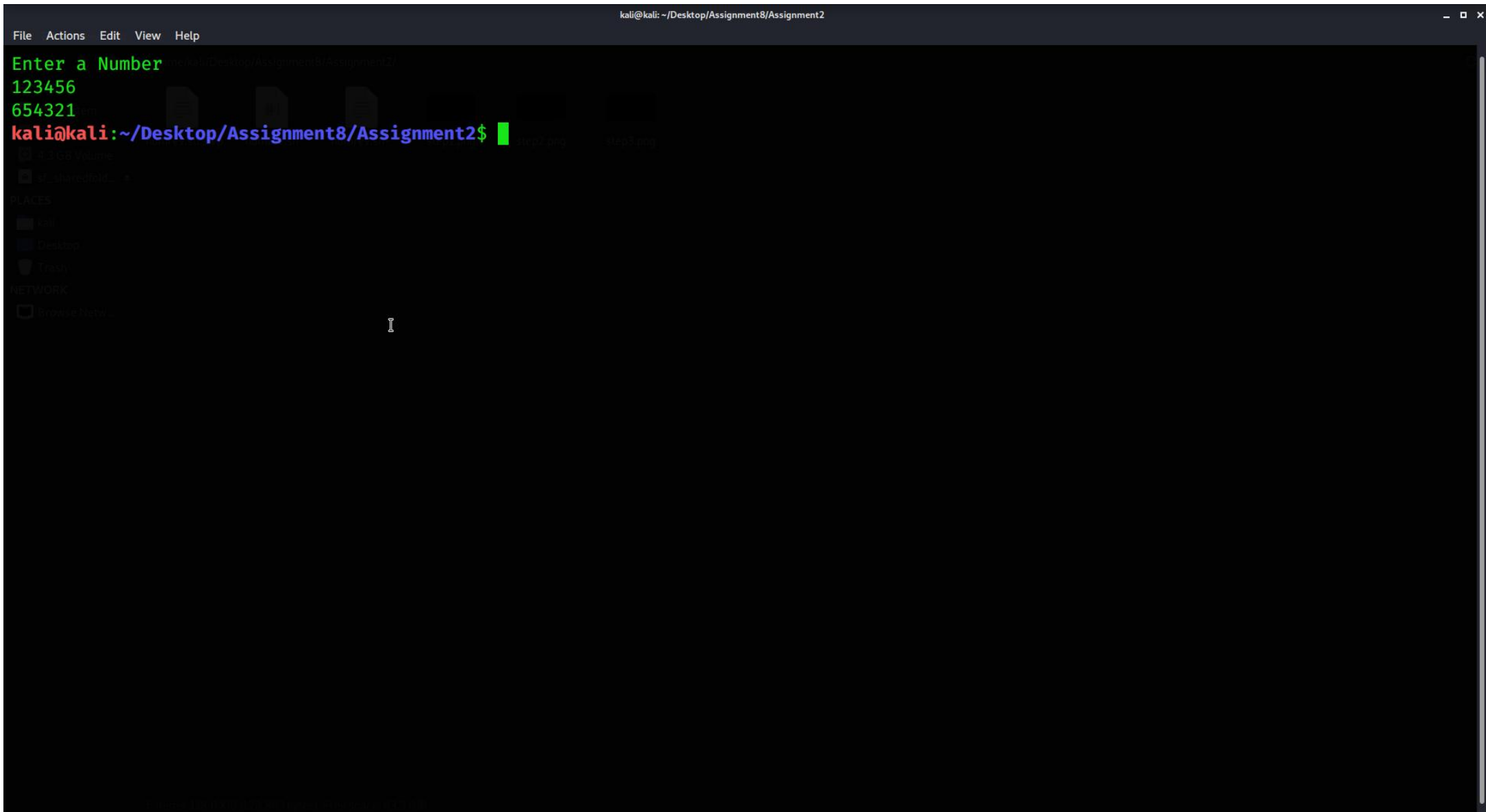
```
else
```

```
fi
```

```
"numrev.sh" 9L, 104C
```

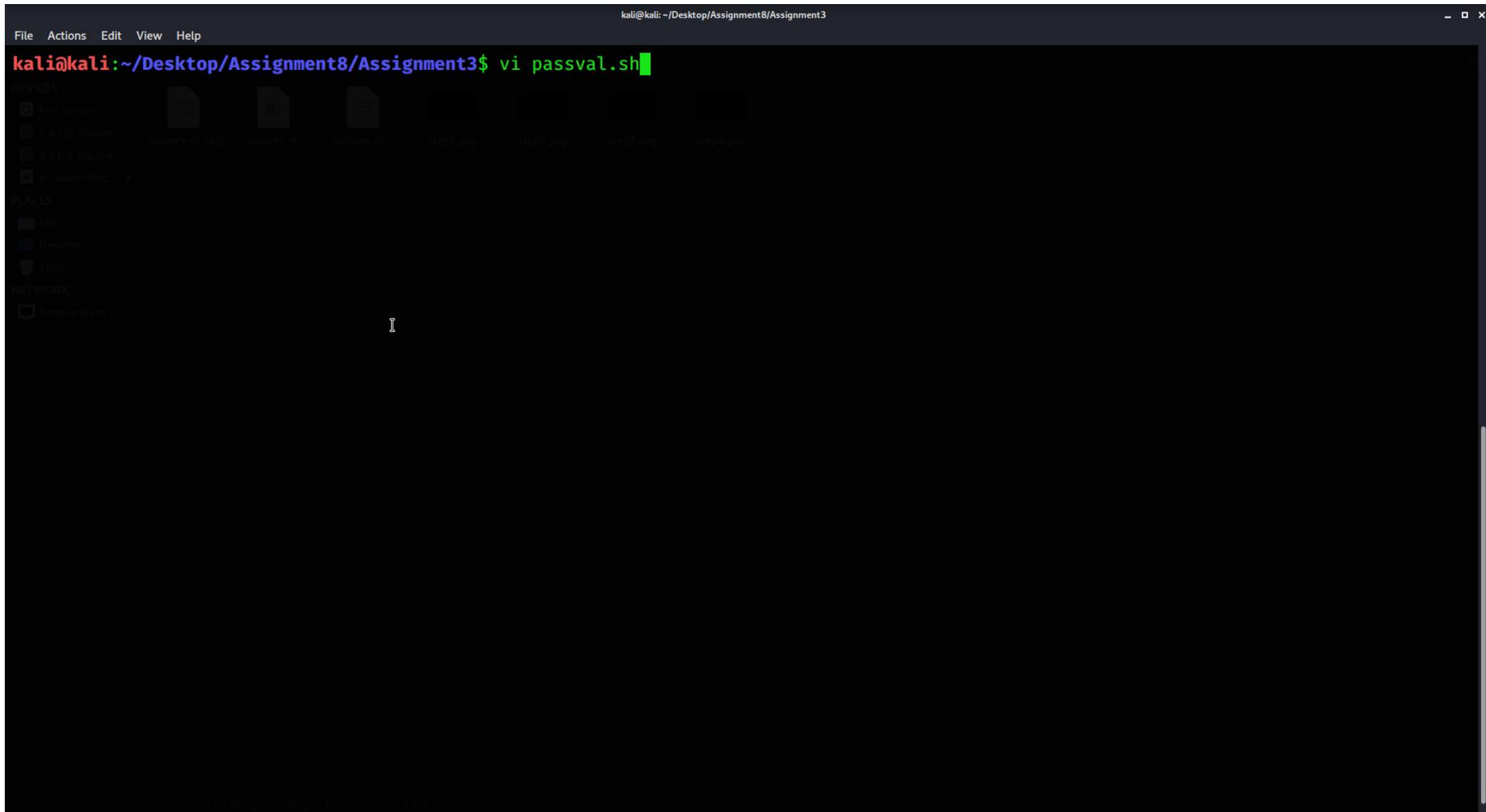
4,0-1 All







# Assignment 3



```
#!/bin/bash
clear
echo "Enter Your Password"
read pass
len=`expr length "$pass"`

if(($len<8))
then
    echo "Your password must contain atleast 8 characters"
else
    if [[ $pass =~ ^[[:alnum:]]+$ ]];
    then
        echo $pass | grep "[A-Z]" | grep "[a-z]" | grep "[0-9]"
        if [[ $? -ne 0 ]];then
            echo "Your Password should contain both Uppercase and Lowercase"
        else
            echo "Your Password is perfect now"
        fi
    else
        echo "Your password should have only numbers and leters"
    fi
fi
```

— □ ×

```
kali@kali:~/Desktop/Assignment8/Assignment3$ vi passval.sh
kali@kali:~/Desktop/Assignment8/Assignment3$ chmod +x passval.sh
kali@kali:~/Desktop/Assignment8/Assignment3$
```

