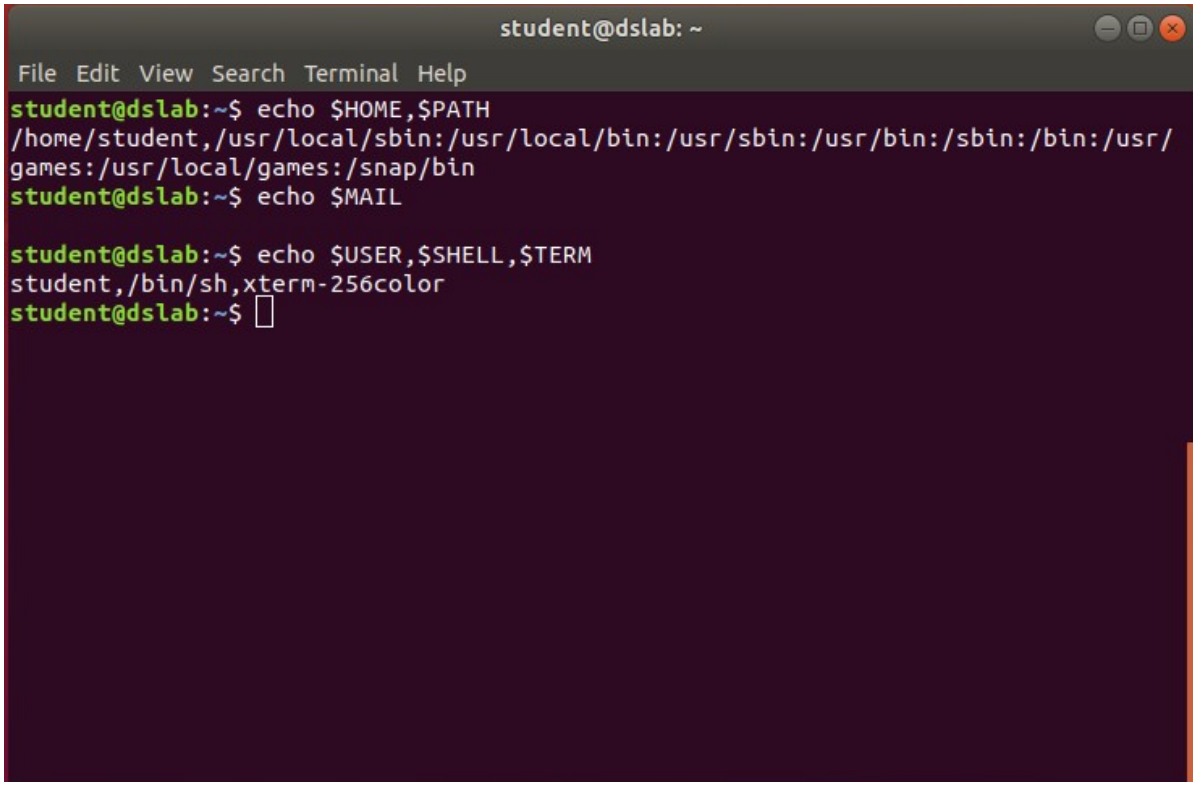
Ayush Goyal
190905522

OST LAB: Week 2

Ex-1)

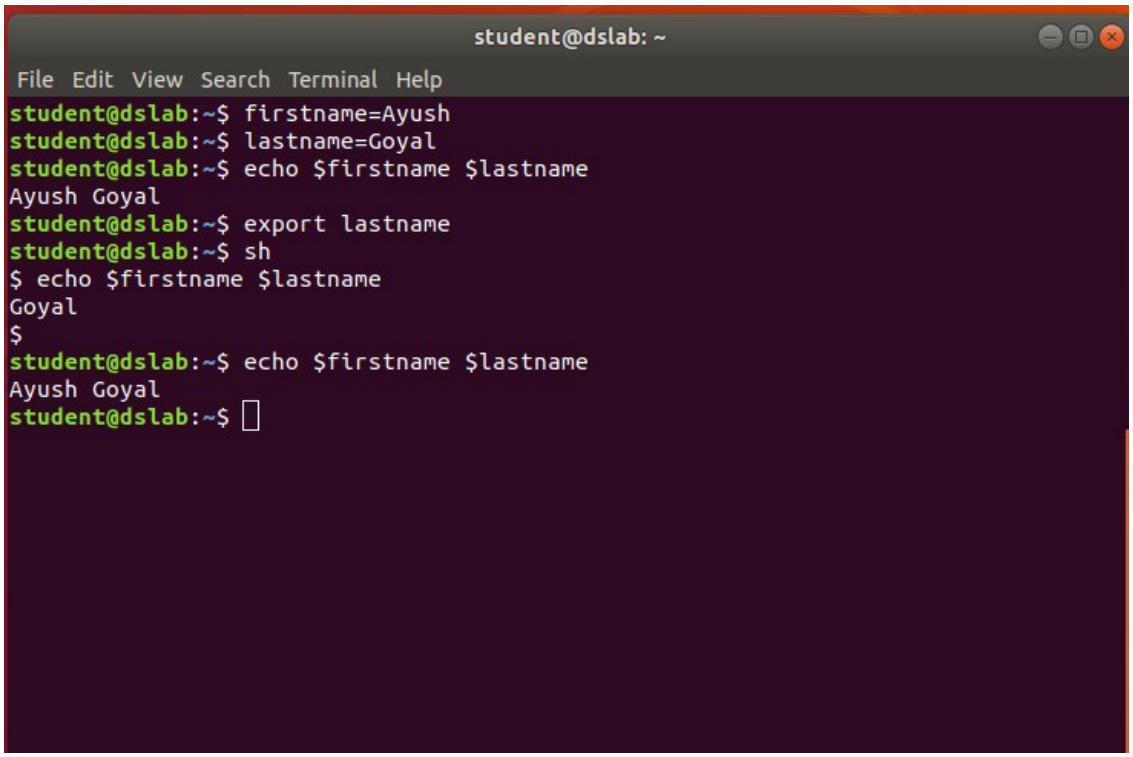
Q1)

echo $HOME,$PATH
echo $MAIL
echo $USER,$SHELL,$TERM



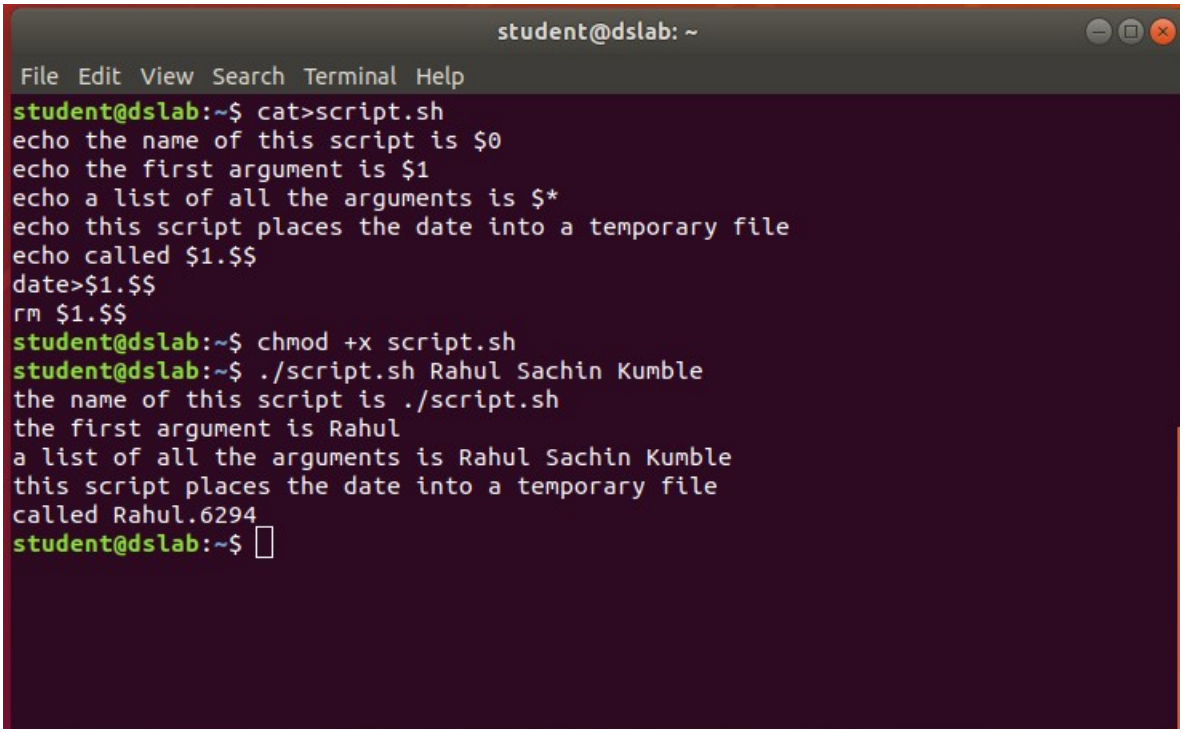
Q2)

firstname=Ayush
lastname=Goyal
echo $firstname $lastname
export lastname
sh
$echo $firstname $lastname
^D
echo $firstname $lastname



Q3)

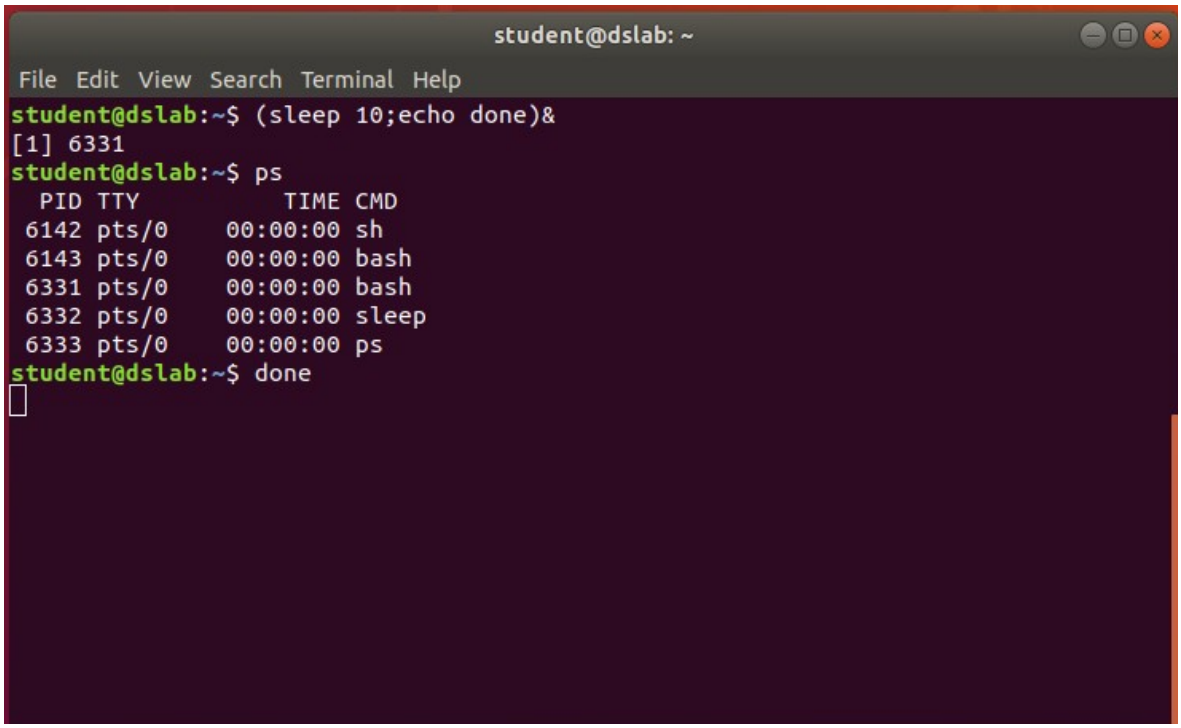
```
cat>script.sh
echo the name of this script is $0
echo the first argument is $1
echo a list of all the arguments is $*
echo this script places the date into a temporary file
echo called $1.$$
date>$1.$$
rm $1.$$
```



Ex 2)

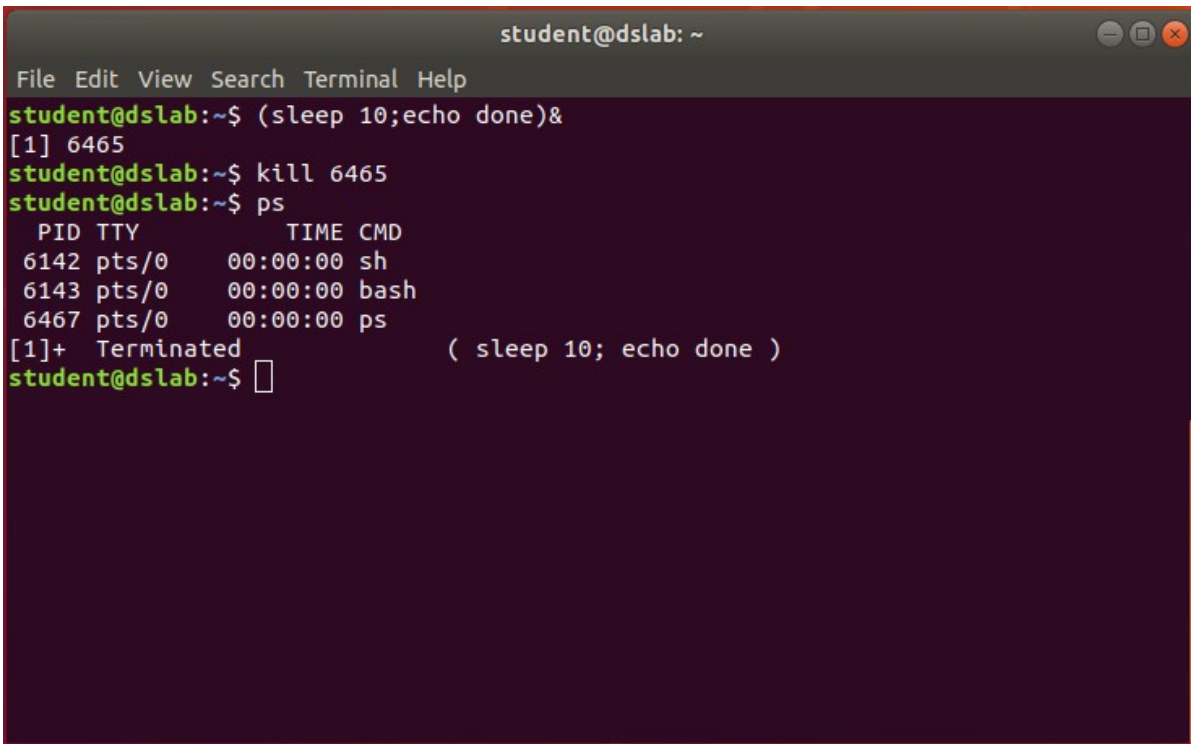
Q1)

(sleep 10;echo done)&
ps



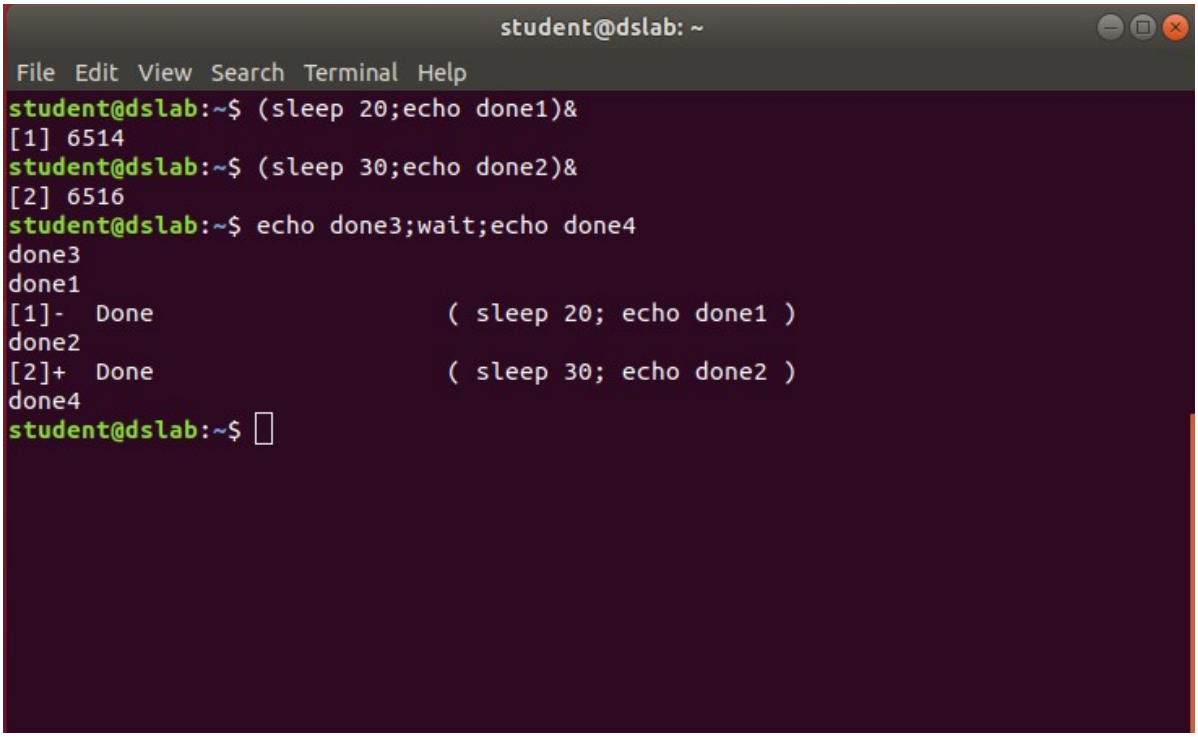
Q2)

(sleep 10;echo done)&
kill 6465



Q3)

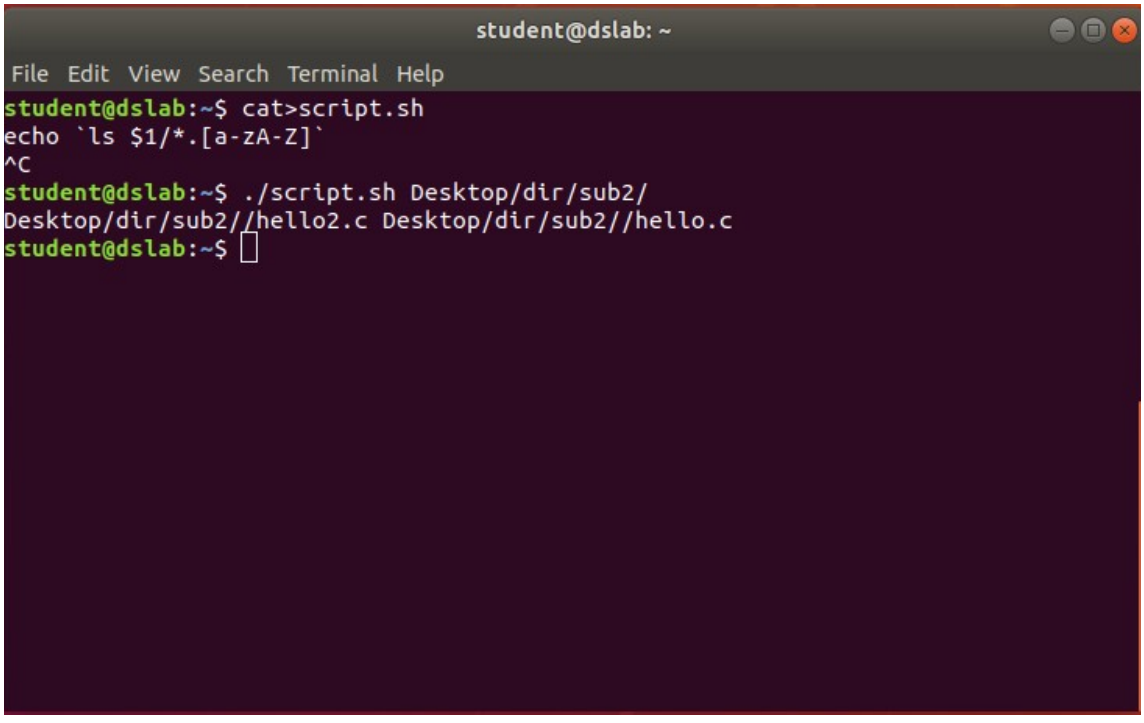
(sleep 20;echo done1)&
(sleep 30;echo done2)&
echo done2;wait;echo done4



Ex 3)

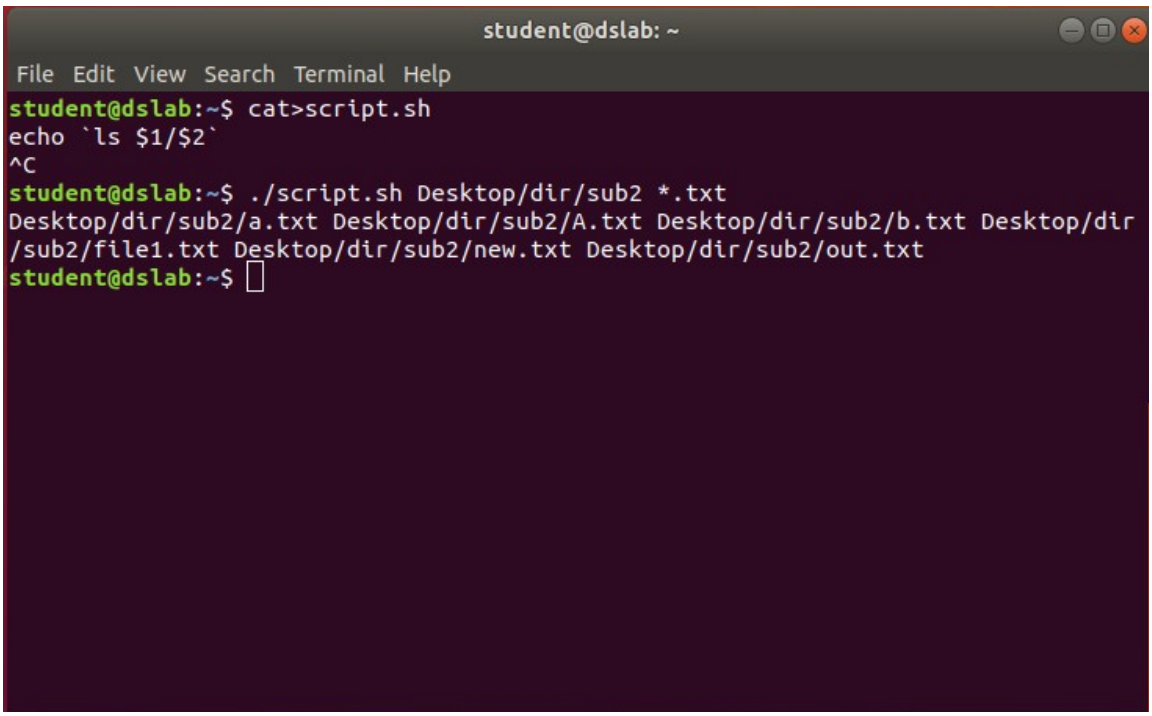
Q1)

cat>script.sh
echo `ls $1/*.[a-zA-Z]`
./script.sh Desktop/dir/sub2/



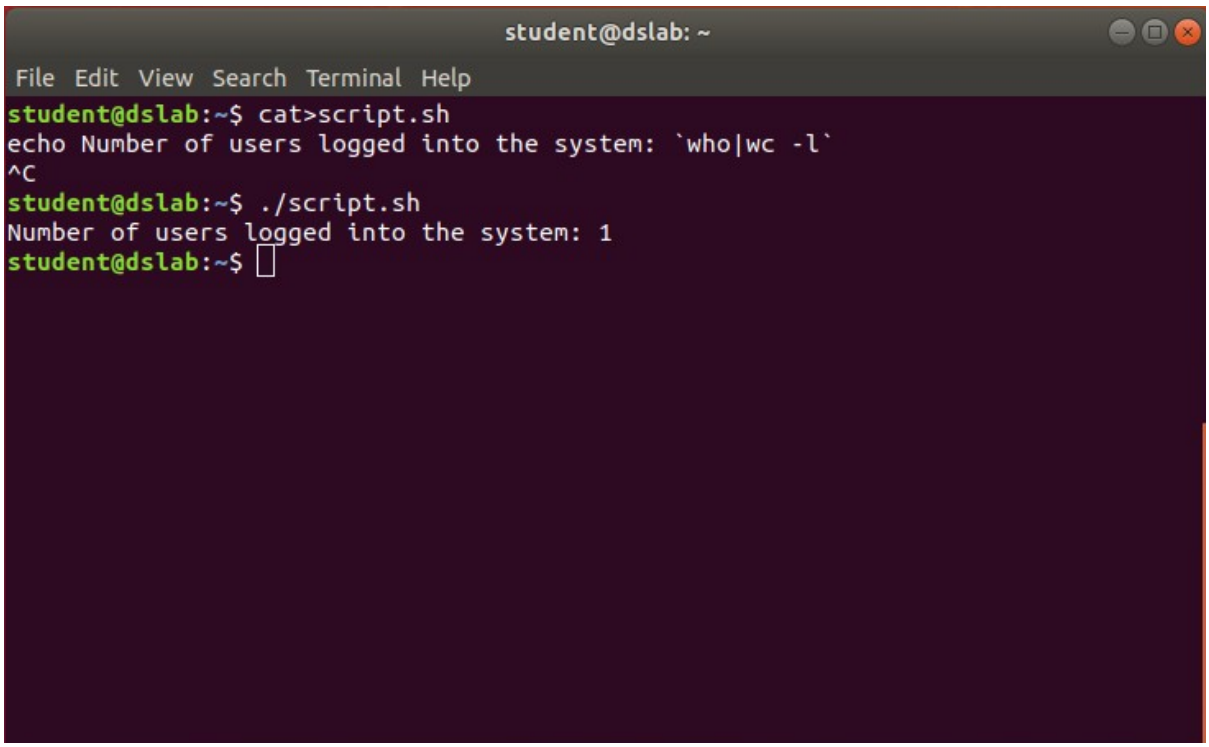
Q2)

cat>script.sh
echo `ls $1/$2`
./script.sh Desktop/dir/sub2 *.txt



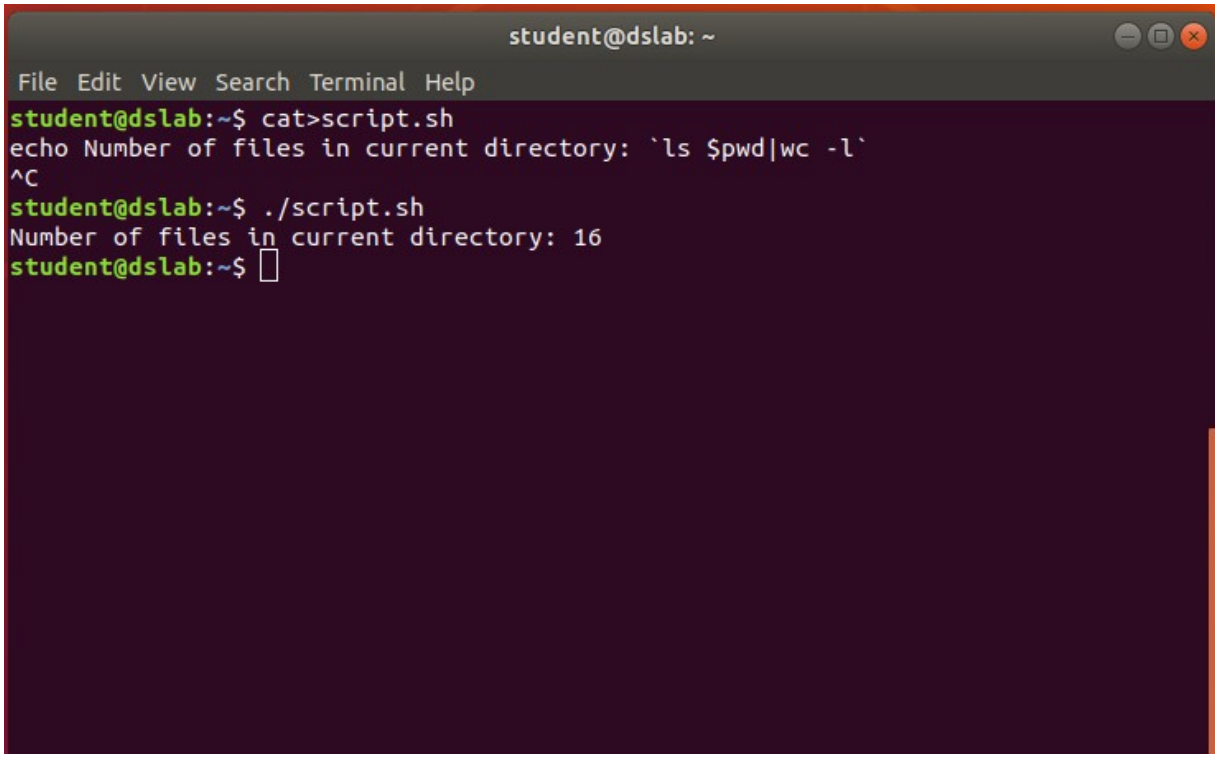
Q3)

cat>script.sh
echo Number of users logged into the system : `who|wc -l`
./script.sh



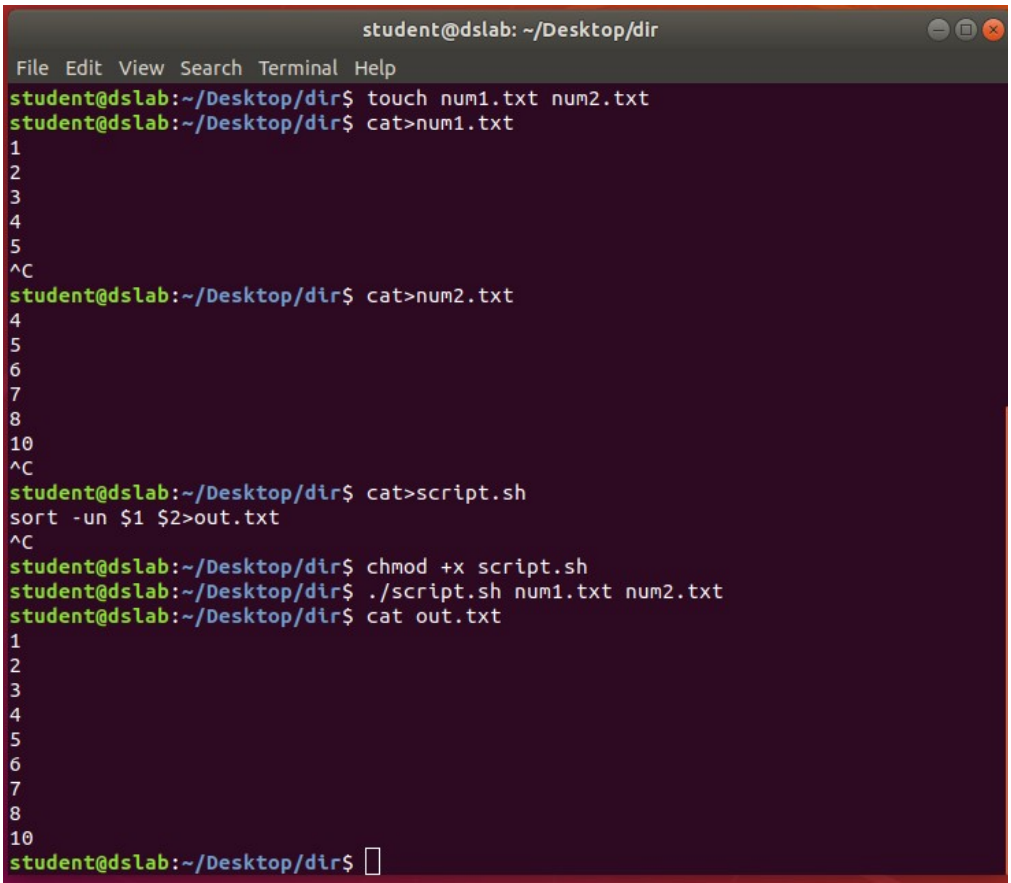
Q4)

cat>script.sh
echo Number of files in current directory: `ls $pwd|wc -l`
^C
./script.sh



Q5)

cat>script.sh
sort -un $1 $2>out.txt
chmod +x script.sh
./script.sh num1.txt num2.txt



Q6)

cat>script.sh
cp *.$1 $2
./script.sh txt Desktop/dir