

OST LAB

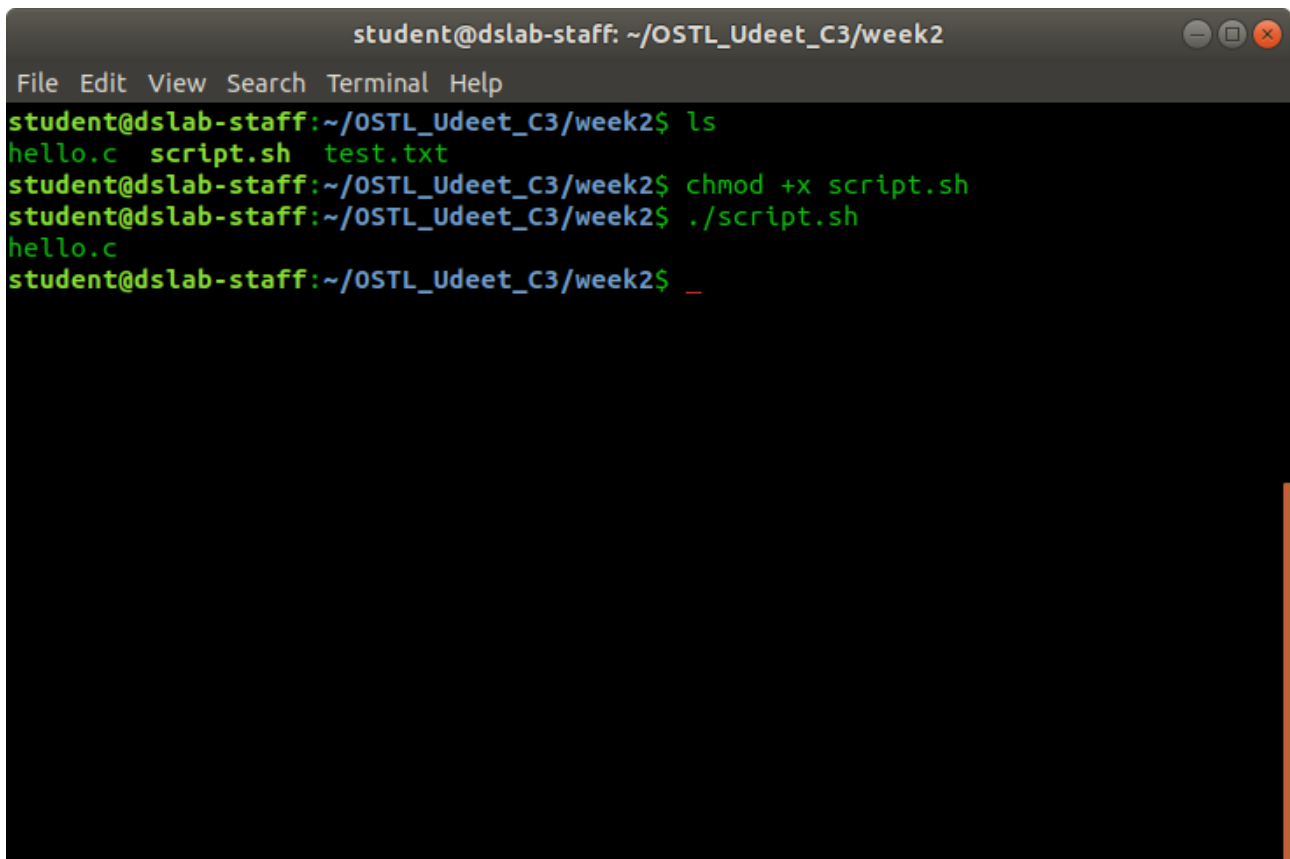
Week 2

Udeet Mittal
CSE C3
Roll Number 64

1.

filename: script.sh

`ls *. [a-z]`

A terminal window titled 'student@dslab-staff: ~/OSTL_Udeet_C3/week2' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ls
hello.c  script.sh  test.txt
student@dslab-staff:~/OSTL_Udeet_C3/week2$ chmod +x script.sh
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ./script.sh
hello.c
student@dslab-staff:~/OSTL_Udeet_C3/week2$ _
```

2.

filename: script2.sh

echo directory entered is \$1
echo files with .\$2 extension are
ls \$1/*\$2

```
student@dslab-staff: ~/OSTL_Udeet_C3/week2
File Edit View Search Terminal Help
student@dslab-staff:~/OSTL_Udeet_C3/week2$ chmod +x script2.sh
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ./script2.sh ../week2 c
directory entered is ../week2
files with .c extension are
../week2/hello.c
student@dslab-staff:~/OSTL_Udeet_C3/week2$ _
```

3.

filename: script3.sh

```
echo The number of users logged into the system:
echo $(who -u | wc -l)
```

```
student@dslab-staff: ~/OSTL_Udeet_C3/week2
File Edit View Search Terminal Help
student@dslab-staff:~/OSTL_Udeet_C3/week2$ chmod +x script3.sh
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ./script3.sh
The number of users logged into the system:
1
student@dslab-staff:~/OSTL_Udeet_C3/week2$ _
```

4.

filename: script4.sh

ls | wc -l

```
student@dslab-staff: ~/OSTL_Udeet_C3/week2
File Edit View Search Terminal Help
student@dslab-staff:~/OSTL_Udeet_C3/week2$ chmod +x script4.sh
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ./script4.sh
6
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ls
hello.c  script2.sh  script3.sh  script4.sh  script.sh  test.txt
student@dslab-staff:~/OSTL_Udeet_C3/week2$ _
```

5.

filename: script5.sh

cat \$1 \$2 | sort -n -u

```
student@dslab-staff: ~/OSTL_Udeet_C3/week2
File Edit View Search Terminal Help
student@dslab-staff:~/OSTL_Udeet_C3/week2$ cat sort1.txt
1
3
5
7
student@dslab-staff:~/OSTL_Udeet_C3/week2$ cat sort2.txt
5
7
9
12
student@dslab-staff:~/OSTL_Udeet_C3/week2$ chmod +x script5.sh
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ./script5.sh sort1.txt sort2.txt
1
3
5
7
9
12
student@dslab-staff:~/OSTL_Udeet_C3/week2$ _
```

6.

filename: script6.sh

```
echo The entered file extension is .$1
echo The destination directory is $2
cp *.$1 $2
```

```
student@dslab-staff: ~/OSTL_Udeet_C3/week2/abc
File Edit View Search Terminal Help
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ls
abc          hello.c      script3.sh  script5.sh  script.sh  sort2.txt
final.txt    script2.sh  script4.sh  script6.sh  sort1.txt  test.txt
student@dslab-staff:~/OSTL_Udeet_C3/week2$ chmod +x script6.sh
student@dslab-staff:~/OSTL_Udeet_C3/week2$ ./script6.sh c ./abc
The entered file extension is .c
The destination directory is ./abc
student@dslab-staff:~/OSTL_Udeet_C3/week2$ cd abc
student@dslab-staff:~/OSTL_Udeet_C3/week2/abc$ ls
hello.c
student@dslab-staff:~/OSTL_Udeet_C3/week2/abc$ _
```