

LAB – 2

1)

```
student@dslab:~/Desktop/200905130$ cd 'lab 2'
student@dslab:~/Desktop/200905130/lab 2$ ls
2_3.png  2_4.png  hello.c  lab2ex1.png  lab2ex2.png  lab2ex3.png  lab2ex4.png  lab2ex5.png  lab2ex6.png  'Lab 2 submission.odt'
student@dslab:~/Desktop/200905130/lab 2$ ls *.*
hello.c
student@dslab:~/Desktop/200905130/lab 2$
```

2)

cat > file1.txt

lkl

jhvj hv

hgcmc

cat > file2.txt

dqdwe

wqe

cat > script.sh

cd \$1

ls \$2

```
student@dslab:~/Desktop/200905130/lab2$ ls
file1.txt  file2.txt
student@dslab:~/Desktop/200905130/lab2$ ./script.sh /home/student/Desktop/200905130/lab2 *.txt
bash: ./script.sh: No such file or directory
student@dslab:~/Desktop/200905130/lab2$ mv /home/student/Desktop/200905130/script.sh /home/student/Desktop/200905130/lab2
student@dslab:~/Desktop/200905130/lab2$ ls
file1.txt  file2.txt  script.sh
student@dslab:~/Desktop/200905130/lab2$ ./script.sh /home/student/Desktop/200905130/lab2 *.txt
file1.txt
student@dslab:~/Desktop/200905130/lab2$
```

3)

```
$ echo Number of users logged into the system `who | wc -l`
Number of users logged into the system 1
$
```

4)

```
$ pwd
/home/student/Desktop/200905130/lab 1
$ echo The number of files in the current directory = `ls -l | grep "^-" |wc -l`
The number of files in the current directory = 19
$
```

5)

```
cat > num1.txt
```

```
1
```

```
2
```

```
3
```

```
cat > num2.txt
```

```
3
```

```
4
```

```
5
```

```
cat > scripture.sh
```

```
cat $1 $2 > num3.txt
```

```
sort num3.txt > sorted.txt
```

```
uniq sorted.txt output.txt
```

```
cat output.txt
```

```
$ ./scripture.sh num1.txt num2.txt
```

```
student@dslab:~/Desktop/200905130/lab 2$ chmod +x scripture.sh
student@dslab:~/Desktop/200905130/lab 2$ ./scripture.sh num1.txt num2.txt

1
2
3
4
5
```

6)

```
cat > file3.sh
```

```
cp $1 $2
```

```
student@dslab:~/Desktop/200905130/lab2$ cat > file3.sh
cp $1 $2
student@dslab:~/Desktop/200905130/lab2$ chmod +x file3.sh
```

```
student@dslab:~/Desktop/200905130/lab2$ ./file3.sh "*" /home/student/Desktop/200905130/
student@dslab:~/Desktop/200905130/lab2$
```