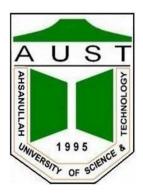AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (AUST) 141 & 142, Love Road, Tejgaon Industrial Area, Dhaka-1208.

Department of Computer Science and Engineering
Program: Bachelor of Science in Computer Science and Engineering

Course No: CSE 3214

Course Title: Operating System Lab

Date of Submission: 10/11/2023

Assignment No: 1

Submitted to

Md. Zahid Hossain

Department of CSE, AUST.

Submitted by,

Name: Arijit Paul

Student ID: 20200204067

Assignment 1 Commands:

Q1:

1. mkdir 20200204067
2. mkdir 20200204067/WorkingDirectory
3. mkdir 20200204067/Task1
4. mkdir 20200204067/Introduction

Q2:

1. cd 20200204067
2. cat > WorkingDirectory/20200204067.txt

Q3:

1. mkdir Task1/empty
2. mkdir Task1/Numbers
3. cat > Task1/Numbers/File1.txt

Q4:

1. cat > Introduction/067.txt
2. cat > Introduction/Arijit.txt

Q5:

1. cp -r Task1/Numbers Introduction
2. mv Introduction/Numbers/File1.txt Numbers.txt
3. cd Introduction/Numbers
4. head -n 12 Numbers.txt | tail -n +7
5. $ cd ../..

6. cd Task1
7. rm -r empty
8. rm -r Numbers
9. cd ..
10. cd Introduction

Q6:

1. cd Numbers
2. chmod 165 Numbers.txt

Q7:

1. cd ../..
2. cd WorkingDirectory
3. cat >> 20200204067.txt

```
arijit@arijit-VirtualBox:~/Desktop$ mkdir 20200204067
arijit@arijit-VirtualBox:~/Desktop$ mkdir 20200204067/WorkingDirectory
arijit@arijit-VirtualBox:~/Desktop$ mkdir 20200204067/Task1
arijit@arijit-VirtualBox:~/Desktop$ mkdir 20200204067/Introduction
arijit@arijit-VirtualBox:~/Desktop$ cd 20200204067
arijit@arijit-VirtualBox:~/Desktop/20200204067$ cat > WorkingDirectory/20200204067.txt
Assignment 1 Commands :
^C
arijit@arijit-VirtualBox:~/Desktop/20200204067$ mkdir Task1/empty
arijit@arijit-VirtualBox:~/Desktop/20200204067$ mkdir Task1/Numbers
arijit@arijit-VirtualBox:~/Desktop/20200204067$ cat > Task1/Numbers/File1.txt




0
1
2
3
4
5
^C
arijit@arijit-VirtualBox:~/Desktop/20200204067$ cat > Introduction/067.txt
20200204067
^C
arijit@arijit-VirtualBox:~/Desktop/20200204067$ cat > Inttroduction/Arijit.txt
bash: Inttroduction/Arijit.txt: No such file or directory
arijit@arijit-VirtualBox:~/Desktop/20200204067$ cat > Introduction/Arijit.txt
Arijit Paul
^C
arijit@arijit-VirtualBox:~/Desktop/20200204067$ cp -r Task1/Numbers Introduction
arijit@arijit-VirtualBox:~/Desktop/20200204067$ mv Introduction/Numbers/File1.txt Numbers.txt
arijit@arijit-VirtualBox:~/Desktop/20200204067$ cd Introduction/Numbers
arijit@arijit-VirtualBox:~/Desktop/20200204067/Introduction/Numbers$ head -n 12 Numbers.txt | tail -n +7



0
1
2
arijit@arijit-VirtualBox:~/Desktop/20200204067/Introduction/Numbers$ cd ../..
arijit@arijit-VirtualBox:~/Desktop/20200204067$ cd Task1
arijit@arijit-VirtualBox:~/Desktop/20200204067/Task1$ rm -r empty
```

```
1
2
rijit@arijit-VirtualBox:~/Desktop/20200204067/Introduction/Numbers$ cd ../..
rijit@arijit-VirtualBox:~/Desktop/20200204067$ cd Task1
rijit@arijit-VirtualBox:~/Desktop/20200204067/Task1$ rm -r empty
rijit@arijit-VirtualBox:~/Desktop/20200204067/Task1$ rm -r Numbers
rijit@arijit-VirtualBox:~/Desktop/20200204067/Task1$ cd ..
rijit@arijit-VirtualBox:~/Desktop/20200204067$ cd Introduction
rijit@arijit-VirtualBox:~/Desktop/20200204067/Introduction$ chmod 165 Numbers.txt
hmod: cannot access 'Numbers.txt': No such file or directory
rijit@arijit-VirtualBox:~/Desktop/20200204067/Introduction$ cd Numbers
rijit@arijit-VirtualBox:~/Desktop/20200204067/Introduction/Numbers$ chmod 165 Numbers.txt
rijit@arijit-VirtualBox:~/Desktop/20200204067/Introduction/Numbers$ ls -al
otal 12
rwxrwxr-x 2 arijit arijit 4096 নভেম্বর   10 15:40 .
rwxrwxr-x 3 arijit arijit 4096 নভেম্বর   10 15:37 ..
--xrw-r-x 1 arijit arijit   36 নভেম্বর   10 15:37 Numbers.txt
rijit@arijit-VirtualBox:~/Desktop/20200204067/Introduction/Numbers$ cd ../..
rijit@arijit-VirtualBox:~/Desktop/20200204067$ cd WorkingDirectory
rijit@arijit-VirtualBox:~/Desktop/20200204067/WorkingDirectory$ cat >> 20200204067.txt
kdir 20200204067
kdir 20200204067/WorkingDirectory
kdir 20200204067/Task1
kdir 20200204067/Introduction
d 20200204067
at > WorkingDirectory/20200204067.txt
kdir Task1/empty
kdir Task1/Numbers
at > Task1/Numbers/File1.txt
at > Introduction/067.txt
at > Introduction/Arijit.txt
p -r Task1/Numbers Introduction
v Introduction/Numbers/File1.txt Numbers.txt
d Introduction/Numbers
ead -n 12 Numbers.txt | tail -n +7
 cd ../..
d Task1
m -r empty
m -r Numbers
d ..
d Introduction
d Numbers
hmod 165 Numbers.txt
cd ../..
d WorkingDirectory
at >> 20200204067.txt
C
rijit@arijit-VirtualBox:~/Desktop/20200204067/WorkingDirectory$
```