

# **Ahsanullah University of Science & Technology**

**Department of Computer Science & Engineering**

***Semester: Fall 2022***



## **CSE 3214: Operating System Lab**

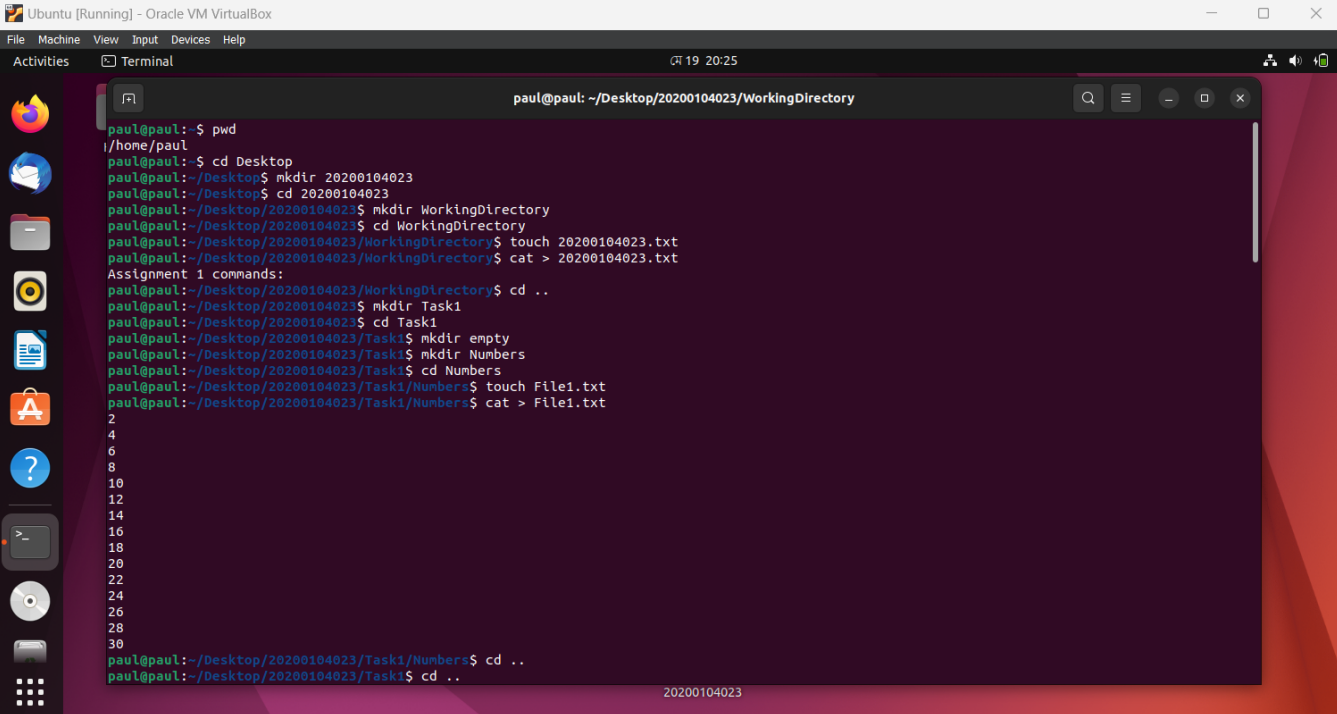
### **Assignment 1**

#### **Submitted By**

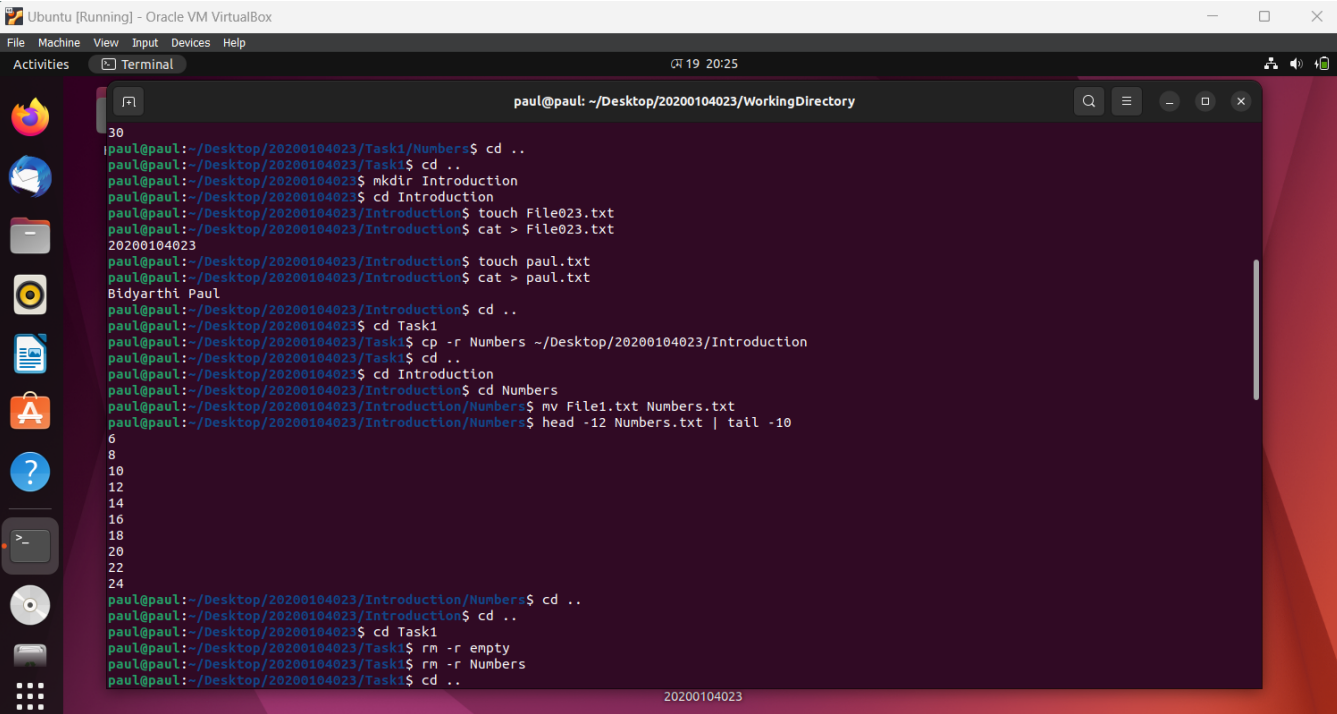
*Bidyarthi Paul (20200104023)*

*Lab Group: A1*

## Screenshots of the Commands:



```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal 19 20:25
paul@paul: ~/Desktop/20200104023/WorkingDirectory
paul@paul:~$ pwd
~/home/paul
paul@paul:~$ cd Desktop
paul@paul:~/Desktop$ mkdir 20200104023
paul@paul:~/Desktop$ cd 20200104023
paul@paul:~/Desktop/20200104023$ mkdir WorkingDirectory
paul@paul:~/Desktop/20200104023$ cd WorkingDirectory
paul@paul:~/Desktop/20200104023/WorkingDirectory$ touch 20200104023.txt
paul@paul:~/Desktop/20200104023/WorkingDirectory$ cat > 20200104023.txt
Assignment 1 commands:
paul@paul:~/Desktop/20200104023/WorkingDirectory$ cd ..
paul@paul:~/Desktop/20200104023$ mkdir Task1
paul@paul:~/Desktop/20200104023$ cd Task1
paul@paul:~/Desktop/20200104023/Task1$ mkdir empty
paul@paul:~/Desktop/20200104023/Task1$ mkdir Numbers
paul@paul:~/Desktop/20200104023/Task1$ cd Numbers
paul@paul:~/Desktop/20200104023/Task1/Numbers$ touch File1.txt
paul@paul:~/Desktop/20200104023/Task1/Numbers$ cat > File1.txt
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
paul@paul:~/Desktop/20200104023/Task1/Numbers$ cd ..
paul@paul:~/Desktop/20200104023/Task1$ cd ..
20200104023
```



```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal 19 20:25
paul@paul: ~/Desktop/20200104023/WorkingDirectory
30
paul@paul:~/Desktop/20200104023/Task1/Numbers$ cd ..
paul@paul:~/Desktop/20200104023/Task1$ cd ..
paul@paul:~/Desktop/20200104023$ mkdir Introduction
paul@paul:~/Desktop/20200104023$ cd Introduction
paul@paul:~/Desktop/20200104023/Introduction$ touch File023.txt
paul@paul:~/Desktop/20200104023/Introduction$ cat > File023.txt
20200104023
paul@paul:~/Desktop/20200104023/Introduction$ touch paul.txt
paul@paul:~/Desktop/20200104023/Introduction$ cat > paul.txt
Bidyarthi Paul
paul@paul:~/Desktop/20200104023/Introduction$ cd ..
paul@paul:~/Desktop/20200104023$ cd Task1
paul@paul:~/Desktop/20200104023/Task1$ cp -r Numbers ~/Desktop/20200104023/Introduction
paul@paul:~/Desktop/20200104023/Task1$ cd ..
paul@paul:~/Desktop/20200104023$ cd Introduction
paul@paul:~/Desktop/20200104023/Introduction$ cd Numbers
paul@paul:~/Desktop/20200104023/Introduction/Numbers$ mv File1.txt Numbers.txt
paul@paul:~/Desktop/20200104023/Introduction/Numbers$ head -12 Numbers.txt | tail -10
6
8
10
12
14
16
18
20
22
24
paul@paul:~/Desktop/20200104023/Introduction/Numbers$ cd ..
paul@paul:~/Desktop/20200104023/Introduction$ cd ..
paul@paul:~/Desktop/20200104023$ cd Task1
paul@paul:~/Desktop/20200104023/Task1$ rm -r empty
paul@paul:~/Desktop/20200104023/Task1$ rm -r Numbers
paul@paul:~/Desktop/20200104023/Task1$ cd ..
20200104023
```

```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal 19 20:26
paul@paul: ~/Desktop/20200104023/WorkingDirectory

24
paul@paul: ~/Desktop/20200104023/Introduction/Numbers$ cd ..
paul@paul: ~/Desktop/20200104023/Introduction$ cd ..
paul@paul: ~/Desktop/20200104023$ cd Task1
paul@paul: ~/Desktop/20200104023/Task1$ rm -r empty
paul@paul: ~/Desktop/20200104023/Task1$ rm -r Numbers
paul@paul: ~/Desktop/20200104023/Task1$ cd ..
paul@paul: ~/Desktop/20200104023$ cd Introduction
paul@paul: ~/Desktop/20200104023/Introduction$ tar -cjf 20200104023.tar.bz2 *
paul@paul: ~/Desktop/20200104023/Introduction$ cd ..
paul@paul: ~/Desktop/20200104023$ cd WorkingDirectory
paul@paul: ~/Desktop/20200104023/WorkingDirectory$ more 20200104023.txt
Assignment 1 commands:
paul@paul: ~/Desktop/20200104023/WorkingDirectory$ history >> 20200104023.txt
paul@paul: ~/Desktop/20200104023/WorkingDirectory$ more 20200104023.txt
Assignment 1 commands:
1 sudo apt update
2 sudo apt install -y build-essential linux-headers-$(uname -r)
3 ls
4 ./autorun.sh
5 ls
6 ./autorun.sh
7 sudo apt update
8 sudo apt install -y build-essential linux-headers-$(uname -r)
9 ./autorun.sh
10 mkdir sample
11 pwd
12 cd Desktop/
13 mkdir sample
14 cd Desktop
15 mkdir sample
16 pwd
17 cd Desktop
18 mkdir 20200104023
19 cd 20200104023

20200104023
```

```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal 19 20:27
paul@paul: ~/Desktop/20200104023/WorkingDirectory

19 cd 20200104023
20 mkdir WorkingDirectory
21 cd WorkingDirectory
22 touch 20200104023.txt

...skipping 1 line
24 cd ..
25 clears
26 pwd
27 cd Desktop
28 mkdir 20200104023
29 cd 20200104023
30 mkdir WorkingDirectory
31 cd WorkingDirectory
32 touch 20200104023.txt
33 cat > 20200104023.txt
34 cd ..
35 mkdir Task1
36 cd Task1
37 mkdir empty
38 mkdir Numbers
39 cd Numbers
40 touch File1.txt
41 cat > File1.txt
42 cd ..
43 mkdir Introduction
44 cd Introduction
45 touch File023.txt
46 cat > File023.txt
47 touch paul.txt
48 cat > paul.txt
49 cd ..
50 cd Task1
51 -r Numbers ~/Desktop/20200104023/Introduction
52 cp -r Numbers ~/Desktop/20200104023/Introduction
53 mv File1.txt Numbers.txt
54 cd ..
55 cd Introduction
56 mv File1.txt Numbers.txt
57 cd Numbers

--More--(48%)
```