Ahsanullah University of Science & Technology

Department of Computer Science & Engineering (CSE)

CSE 3214: Operating System Lab

Assignment 1

Submitted to:

Md Zahid Hossain &
Israt Tasnim

Submitted by:

Alistair Biswas
20200104046
Section A, Group A2

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To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

alistair@alistair-VirtualBox:~$ ls
20200104005  Desktop  Documents  Downloads  Music  Pictures  Public  snap  Templates  Videos
alistair@alistair-VirtualBox:~$ pwd
/home/alistair
alistair@alistair-VirtualBox:~$ cd Desktop
alistair@alistair-VirtualBox:~/Desktop$ mkdir 20200104046
alistair@alistair-VirtualBox:~/Desktop$ cd 20200104046
alistair@alistair-VirtualBox:~/Desktop/20200104046$ mkdir WorkingDirectory
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd WorkingDirectory
alistair@alistair-VirtualBox:~/Desktop/20200104046/WorkingDirectory$ touch 20200104046.txt
alistair@alistair-VirtualBox:~/Desktop/20200104046/WorkingDirectory$ cat >20200104046.txt
Assignment 1 commands:
^C
alistair@alistair-VirtualBox:~/Desktop/20200104046/WorkingDirectory$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046$ mkdir Task1
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd Task1
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ mkdir empty
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ mkdir Numbers
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cd Numbers
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1/Numbers$ touch File1.txt
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1/Numbers$ cat >File1.txt
1
5
29
46
51
58
60
62
68
71
72
```

```
1
5
29
46
51
58
60
62
68
71
73
78
81
97
103
^C
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1/Numbers$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046$ mkdir Introduction
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd Introduction
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ touch File046.txt
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cat >File046
20200104046
^C
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ touch Alistair.txt
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cat >Alistair.txt
Alistair Biswas
^C
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd Task1
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cp -r Numbers ~Desktop/20200104046/Introduction
cp: cannot create directory '~Desktop/20200104046/Introduction': No such file or directory
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cp -r Numbers ~/Desktop/20200104046/Introduction
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cd ..
```

```
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cat >Alistair.txt
Alistair Biswas
^C
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd Task1
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cp -r Numbers ~Desktop/20200104046/Introduction
cp: cannot create directory '~Desktop/20200104046/Introduction': No such file or directory
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cp -r Numbers ~/Desktop/20200104046/Introduction
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd Introduction
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cd Numbers
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction/Numbers$ mv File1.txt Numbers.txt
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction/Numbers$ head -10 Numbers.txt|tail -5
58
60
62
68
71
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction/Numbers$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd Task1
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ rm  -r empty
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ rm -r Numbers
alistair@alistair-VirtualBox:~/Desktop/20200104046/Task1$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd Introduction
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cd Numbers
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction/Numbers$ chmod 216 Numbers.txt
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction/Numbers$ ls -l Numbers.txt
--w---xrw- 1 alistair alistair 44 May 26 16:08 Numbers.txt
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction/Numbers$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046/Introduction$ cd ..
alistair@alistair-VirtualBox:~/Desktop/20200104046$ cd WorkingDirectory
alistair@alistair-VirtualBox:~/Desktop/20200104046/WorkingDirectory$ more 20200104046.txt
Assignment 1 commands:
```

```
alistair@alistair-VirtualBox:~/Desktop/20200104046/WorkingDirectory$ history >>20200104046.txt
alistair@alistair-VirtualBox:~/Desktop/20200104046/WorkingDirectory$ more 20200104046.txt
Assignment 1 commands:
    1  ls
    2  clear
    3  clear\
    4  clear
    5  ls
    6  mdr Alis
    7  mkdr Alis
    8  ls
    9  pwd
   10  cd Desktop
   11  mkdir 20200104046
   12  cd 20200104046
   13  mkdir WorkingDirectory
   14  cd WorkingDirectory
   15  touch 20200104046.txt
   16  cat >20200104046.txt
   17  cd ..
   18  mkdir Task1
   19  cd Task1
   20  mkdir empty
   21  mkdir Numbers
   22  cd Numbers
   23  touch File1.txt
   24  cat >File1.txt
   25  cd ..
   26  mkdir Introduction
   27  cd Introduction
   28  touch File046.txt
   29  cat >File046
   30  touch Alistair.txt
   31  cat >Alistair.txt
```