

## Lab 1

1) i)

```
190905104@lplab-Lenovo-Product:~$ mkdir lab1 && cd lab1
190905104@lplab-Lenovo-Product:~/lab1$ mkdir dir1 && mkdir dir2
190905104@lplab-Lenovo-Product:~/lab1$ ls
dir1  dir2
190905104@lplab-Lenovo-Product:~/lab1$
```

ii)

```
190905104@lplab-Lenovo-Product:~/lab1$ cd dir1
190905104@lplab-Lenovo-Product:~/lab1/dir1$ cat > file1.txt
This is the first file.
190905104@lplab-Lenovo-Product:~/lab1/dir1$ cat > file2.txt
This is the second file.
190905104@lplab-Lenovo-Product:~/lab1/dir1$ cat > file3.txt
This is the second file.
190905104@lplab-Lenovo-Product:~/lab1/dir1$ ls
file1.txt  file2.txt  file3.txt
190905104@lplab-Lenovo-Product:~/lab1/dir1$
```

iii)

```
190905104@lplab-Lenovo-Product:~/lab1/dir1$ cp file1.txt ../dir2
190905104@lplab-Lenovo-Product:~/lab1/dir1$ cd ../dir2
190905104@lplab-Lenovo-Product:~/lab1/dir2$ ls
file1.txt
```

iv)

```
190905104@lplab-Lenovo-Product:~/lab1/dir1$ who | wc -l > number.txt && ls | wc
-l >> number.txt
190905104@lplab-Lenovo-Product:~/lab1/dir1$ cat number.txt
1
4
```

v)

```
190905104@lplab-Lenovo-Product:~/lab1/dir1$ ls [aA]*
a.txt  A.txt
```

vi)

```
190905104@lplab-Lenovo-Product:~/lab1/dir1$ ls | wc -l
4
190905104@lplab-Lenovo-Product:~/lab1/dir1$
```

vii)

```
190905104@lplab-Lenovo-Product:~/lab1/dir1$ cc hello.c && ./a.out
Hello world
190905104@lplab-Lenovo-Product:~/lab1/dir1$
```

viii)

```
190905104@lplab-Lenovo-Product:~/lab1/dir1$ wc -l file1.txt
1 file1.txt
190905104@lplab-Lenovo-Product:~/lab1/dir1$
```

2)

```
190905104@lplab-Lenovo-Product:~$ date
Tue Feb  9 13:47:26 IST 2021
190905104@lplab-Lenovo-Product:~$ ls
Desktop    Downloads      lab1    Pictures  Templates
Documents  examples.desktop  Music  Public    Videos
190905104@lplab-Lenovo-Product:~$ pwd
/home/190905104
190905104@lplab-Lenovo-Product:~$
```