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ROLL NO -C114

Experiment No. 2(OS)

Aim- System calls for file manipulation

Problem Statement –

Try different file manipulation operations provided by linux

OUTPUT:

pwd Command , mkdir Command , ls Command

```
student@ubuntu:~$ pwd
/home/student
student@ubuntu:~$ mkdir c114
student@ubuntu:~$ mkdir extra
student@ubuntu:~$ ls
abc  c114  Desktop  Documents  Downloads  examples.desktop  extra  file1.txt~  Music  nam_1.15~
```

cd Command , touch Command , cat Command

```
student@ubuntu:~$ cd c114
student@ubuntu:~/c114$ touch one.txt
student@ubuntu:~/c114$ echo 'hello world pinky here'> one.txt
student@ubuntu:~/c114$ cat one.txt
hello world pinky here
student@ubuntu:~/c114$ ls
one.txt
student@ubuntu:~/c114$ touch two.txt
student@ubuntu:~/c114$ touch three.txt
student@ubuntu:~/c114$ echo 'hello world c114 here'> two.txt
student@ubuntu:~/c114$ cat two.txt
hello world c114 here
student@ubuntu:~/c114$ ls
one.txt  three.txt  two.txt
```

mv Command

```
student@ubuntu:~/c114$ mv one.txt ../Downloads
student@ubuntu:~/c114$ ls
three.txt  two.txt
student@ubuntu:~/c114$
student@ubuntu:~/c114$ cd ..
student@ubuntu:~$ cd Downloads
student@ubuntu:~/Downloads$ ls
file1.txt  one.txt  Screenshot from 2024-01-26 20:00:58.png
```

```
student@ubuntu:~/c114$
student@ubuntu:~/c114$ cd ..
student@ubuntu:~$ cd Downloads
student@ubuntu:~/Downloads$ ls
file1.txt  one.txt  Screenshot from 2024-01-26 20:00:58.png
student@ubuntu:~/Downloads$ cat one.txt
hello world pinky here
```

Cp command

```
student@ubuntu:~/Downloads$ cd ..
student@ubuntu:~$ cd c114
student@ubuntu:~/c114$ cp two.txt three.txt
student@ubuntu:~/c114$ cat two.txt
hello world c114 here
student@ubuntu:~/c114$ cat three.txt
hello world c114 here
```

Deleting a File , rmdir Command

```
student@ubuntu:~/c114$ rm three.txt
student@ubuntu:~/c114$ ls
two.txt
student@ubuntu:~/c114$ cd ..
student@ubuntu:~$ rmdir extra
student@ubuntu:~$ ls
abc  c114  Desktop  Documents  Downloads  examples.desktop  file1.txt~  Music  nam_1.15-10-ubuntu
```