

Linux fundamental commands

Name: Smruti Padhi

Roll No.: 21251

Sec: CSE C

1) Making a directory and creating files inside the directory

```
(kali㉿kali)-[~/Downloads]
└─$ ls -la
.  ..  Main_Directory

(kali㉿kali)-[~/Downloads]
└─$ mkdir Smruti

(kali㉿kali)-[~/Downloads]
└─$ cd Smruti

(kali㉿kali)-[~/Downloads/Smruti]
└─$ touch Hello.txt

(kali㉿kali)-[~/Downloads/Smruti]
└─$ ls -la
.  ..  Hello.txt

(kali㉿kali)-[~/Downloads/Smruti]
└─$ touch Kali.txt

(kali㉿kali)-[~/Downloads/Smruti]
└─$ ls -la
.  ..  Hello.txt  Kali.txt
```

2) Inserting some text in both the files

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```
(kali㉿kali)-[~/Downloads/Smruti]
$ nano Hello.txt

(kali㉿kali)-[~/Downloads/Smruti]
$ cat Hello.txt

Hello!

(kali㉿kali)-[~/Downloads/Smruti]
$ nano Kali.txt

(kali㉿kali)-[~/Downloads/Smruti]
$ cat Kali.txt

This is the latest version of Kali Linux.
```

3) Copying the contents of file 1 to file 2

```
(kali㉿kali)-[~/Downloads/Smruti]
$ cp Hello.txt Kali.txt

(kali㉿kali)-[~/Downloads/Smruti]
$ ls -a
.  ..  Hello.txt  Kali.txt

(kali㉿kali)-[~/Downloads/Smruti]
$ cat Kali.txt

Hello!
```

4) Moving the location of file 1 to file 2

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```
(kali㉿kali)-[~/Downloads/Smruti]
$ mv Hello.txt Kali.txt

(kali㉿kali)-[~/Downloads/Smruti]
$ ls -a
.  ..  Kali.txt

(kali㉿kali)-[~/Downloads/Smruti]
$ Kali.txt
Kali.txt: command not found

(kali㉿kali)-[~/Downloads/Smruti]
$ cat Kali.txt

Hello!
```

5) Deleting the files inside the directory

```
(kali㉿kali)-[~/Downloads/Smruti]
$ rm Kali.txt

(kali㉿kali)-[~/Downloads/Smruti]
$ ls -a
.  ..

(kali㉿kali)-[~/Downloads/Smruti]
$ cd ..

(kali㉿kali)-[~/Downloads]
$ ls -a
.  ..  Main_Directory  Smruti
```

6) Removing the directory from the Downloads

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```
(kali㉿kali)-[~/Downloads]
└─$ ls -a
.  ..  Main_Directory  Smruti

(kali㉿kali)-[~/Downloads]
└─$ rmdir Smruti

(kali㉿kali)-[~/Downloads]
└─$ ls -a
.  ..  Main_Directory

(kali㉿kali)-[~/Downloads]
└─$
```