Lab Assignment -1

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1: Explore File System Commands

```
┌──(kali㉿kali)-[~]
└─$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos
```

```
┌──(kali㉿kali)-[~]
└─$ pwd
/home/kali
```

```
┌──(kali㉿kali)-[~]
└─$ cd Desktop
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ ls
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ mkdir Anushareddy_Ramachandra_Reddy
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ cd Anushareddy_Ramachandra_Reddy
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cd ..
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ cd /
```

```
┌──(kali㉿kali)-[/]
└─$ cd ~
```

```
┌──(kali㉿kali)-[~]
└─$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos
```

```
┌──(kali㉿kali)-[~]
└─$ pwd
/home/kali
┌──(kali㉿kali)-[~]
└─$ 
```

2.Edit a File Using Nano


```
┌──(kali㊉kali)-[~]
└─$ cd Desktop/Anushareddy_Ramachandra_Reddy
```

```
┌──(kali㊉kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ nano ismlabinstructions.txt
```



```
File  Actions  Edit  View  Help
  GNU nano 8.1                                                    ismlabinstructions.txt *

instructions
```

```
^G Help        ^O Write Out    ^W Where Is    ^K Cut        ^T Execute    ^C Location    M-U Undo    M-A Set Mark    M-] To Bracket    M-← Previous    ↑ Back      ► Prev Word    ◄ Home
^X Exit        ^R Read File     ^\ Replace     ^U Paste      ^J Justify    ^_ Go To Line  M-E Redo    M-6 Copy       ^Q Where Was    M-→ Next        ↓ Forward   ► Next Word    ◄ End
```

3.Create Directory

```
┌──(kali㊉kali)-[~]
└─$ cd Desktop/Anushareddy_Ramachandra_Reddy
```

```
┌──(kali㊉kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ismlabinstructions.txt.save
```

```
┌──(kali㊉kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ whoami
kali
```

```
┌──(kali㊉kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ mkdir ism1
```

```
┌──(kali㊉kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ mkdir ism2 ism3
```

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ism1   ism2   ism3   ismlabinstructions.txt.save
```

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ rmdir ism2 ism3
```

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ism1   ismlabinstructions.txt.save
```

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ touch ismlabinstructions2.txt
```

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ism1   ismlabinstructions2.txt   ismlabinstructions.txt.save
```

4.Remove Command

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cat ismlabinstructions.txt.save

instructions
```

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ism1   ismlabinstructions2.txt   ismlabinstructions.txt.save
```

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ rm ismlabinstructions2.txt
```

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ism1   ismlabinstructions.txt.save
```

5. Create Move and Copy Document Commands

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ mv ismlabinstructions.txt.save ~/Desktop
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ism1
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cd ..
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ ls
Anushareddy_Ramachandra_Reddy  ismlabinstructions.txt.save
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ cp ismlabinstructions.txt.save ~/Desktop/Anushareddy_Ramachandra_Reddy
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ ls
Anushareddy_Ramachandra_Reddy  ismlabinstructions.txt.save
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ cd Anushareddy_Ramachandra_Reddy
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ism1  ismlabinstructions.txt.save
```

6.Remove Documents Using RI Options

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ism1  ismlabinstructions.txt.save
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cd ..
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ rm -ri Anushareddy_Ramachandra_Reddy
rm: descend into directory 'Anushareddy_Ramachandra_Reddy'? n
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ rm -ri Anushareddy_Ramachandra_Reddy
rm: descend into directory 'Anushareddy_Ramachandra_Reddy'? y
rm: remove directory 'Anushareddy_Ramachandra_Reddy/ism1'? y
rm: remove regular file 'Anushareddy_Ramachandra_Reddy/ismlabinstructions.txt.save'? n
rm: remove directory 'Anushareddy_Ramachandra_Reddy'? y
rm: cannot remove 'Anushareddy_Ramachandra_Reddy': Directory not empty
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ cd Anushareddy_Ramachandra_Reddy
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls
ismlabinstructions.txt.save
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cd ..
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ rm -ri Anushareddy_Ramachandra_Reddy
rm: descend into directory 'Anushareddy_Ramachandra_Reddy'? y
rm: remove regular file 'Anushareddy_Ramachandra_Reddy/ismlabinstructions.txt.save'? y
rm: remove directory 'Anushareddy_Ramachandra_Reddy'? y
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ ls
ismlabinstructions.txt.save
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ rm ismlabinstructions.txt.save
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ ls
```

7.Calendar and Date Command

```
┌──(kali㉿kali)-[~/Desktop]
└─$ cal
Command 'cal' not found, but can be installed with:
sudo apt install ncal
Do you want to install it? (N/y)
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ sudo apt-get update
[sudo] password for kali:
Get:1 http://kali.download/kali kali-rolling InRelease [41.5 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [20.1 MB]
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [49.1 MB]
Get:4 http://kali.download/kali kali-rolling/contrib amd64 Packages [111 kB]
Get:5 http://kali.download/kali kali-rolling/contrib amd64 Contents (deb) [269 kB]
Get:6 http://kali.download/kali kali-rolling/non-free amd64 Packages [193 kB]
Get:7 http://kali.download/kali kali-rolling/non-free amd64 Contents (deb) [875 kB]
Get:8 http://kali.download/kali kali-rolling/non-free-firmware amd64 Packages [33.1 kB]
Get:9 http://kali.download/kali kali-rolling/non-free-firmware amd64 Contents (deb) [17.2 kB]
Fetched 70.8 MB in 17s (4,137 kB/s)

Reading package lists ... Done
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ sudo apt install ncal
Installing:
  ncal

Summary:
  Upgrading: 0, Installing: 1, Removing: 0, Not Upgrading: 924
  Download size: 19.7 kB
  Space needed: 59.4 kB / 64.4 GB available

Get:1 http://kali.download/kali kali-rolling/main amd64 ncal amd64 12.1.8 [19.7 kB]
Fetched 19.7 kB in 0s (107 kB/s)
Selecting previously unselected package ncal.
(Reading database ... 395765 files and directories currently installed.)
Preparing to unpack .../ncal_12.1.8_amd64.deb ...
Unpacking ncal (12.1.8) ...
```

```
Summary:
  Upgrading: 0, Installing: 1, Removing: 0, Not Upgrading: 924
  Download size: 19.7 kB
  Space needed: 59.4 kB / 64.4 GB available

Get:1 http://kali.download/kali kali-rolling/main amd64 ncal amd64 12.1.8 [19.7 kB]
Fetched 19.7 kB in 0s (107 kB/s)
Selecting previously unselected package ncal.
(Reading database ... 395765 files and directories currently installed.)
Preparing to unpack .../archives/ncal_12.1.8_amd64.deb ...
Unpacking ncal (12.1.8) ...
Setting up ncal (12.1.8) ...
Processing triggers for kali-menu (2024.3.1) ...
Processing triggers for man-db (2.12.1-2) ...
```

```
┌──(kali㊀kali)-[~/Desktop]
└─$ cal
    September 2024
Su Mo Tu We Th Fr Sa
 1  2  3  4  5  6  7
 8  9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30
```

```
┌──(kali㊀kali)-[~/Desktop]
└─$ date
Mon Sep 23 08:56:02 PM EDT 2024

┌──(kali㊀kali)-[~/Desktop]
└─$ █
```