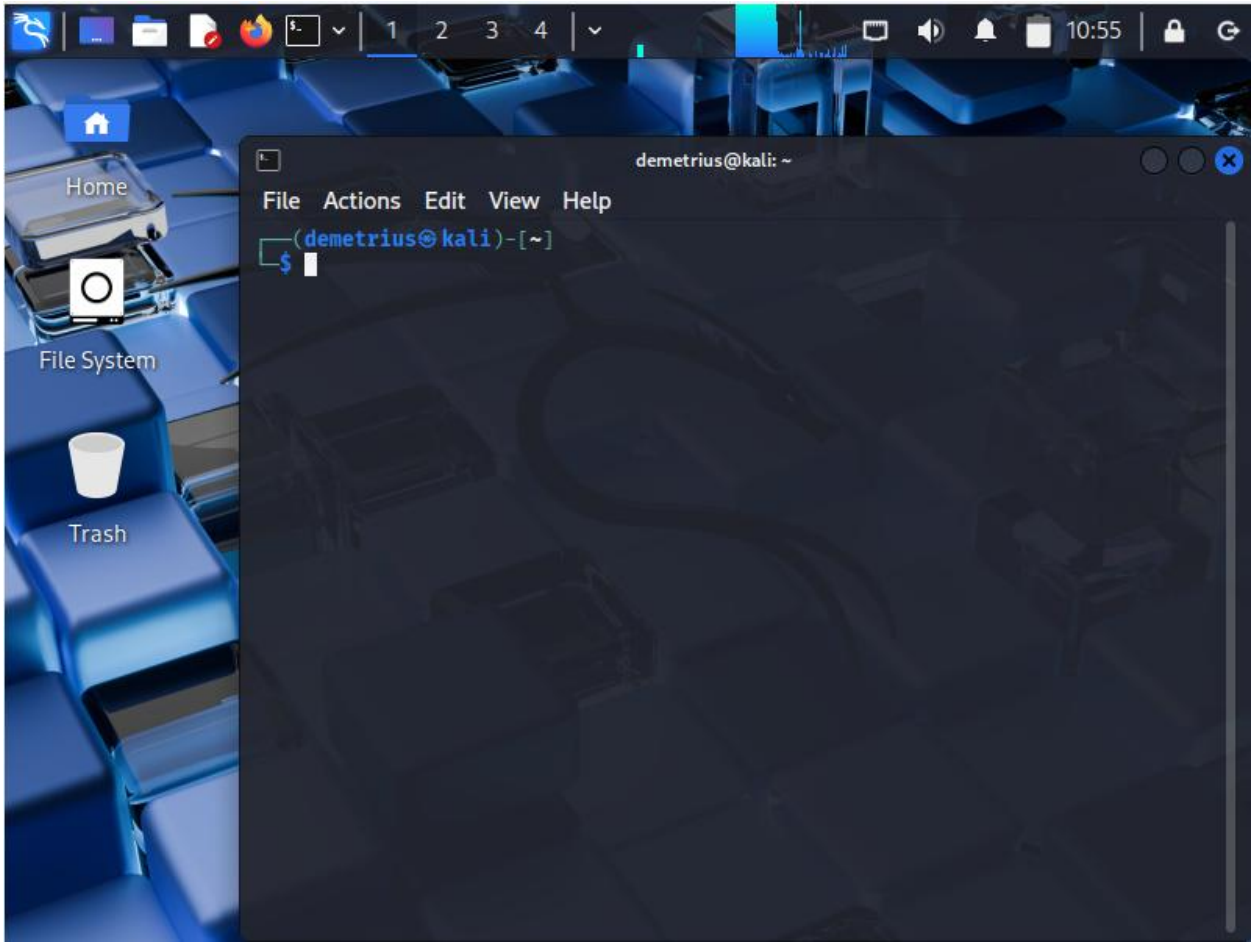
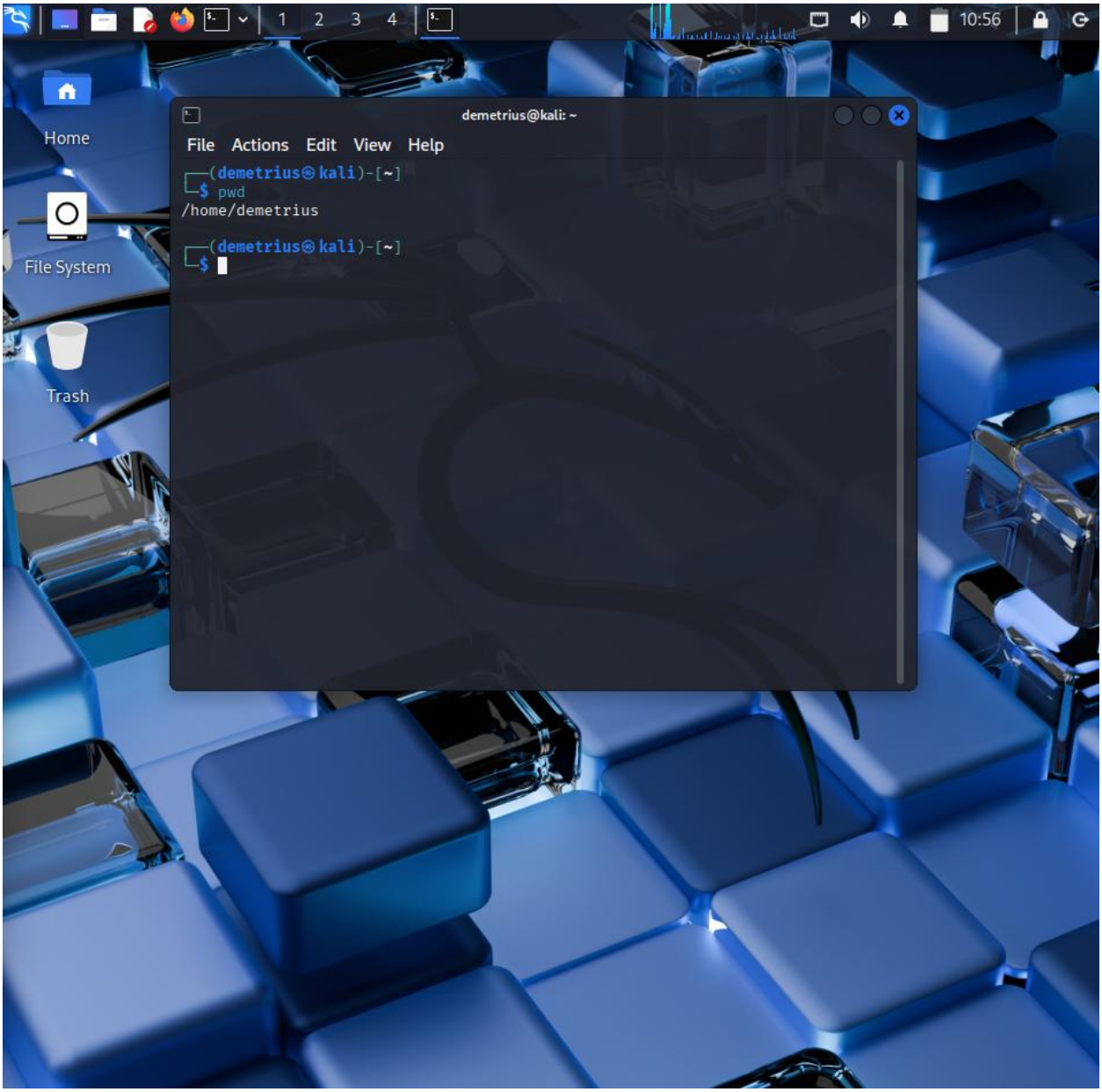
Lab Assignment 2

Steps:

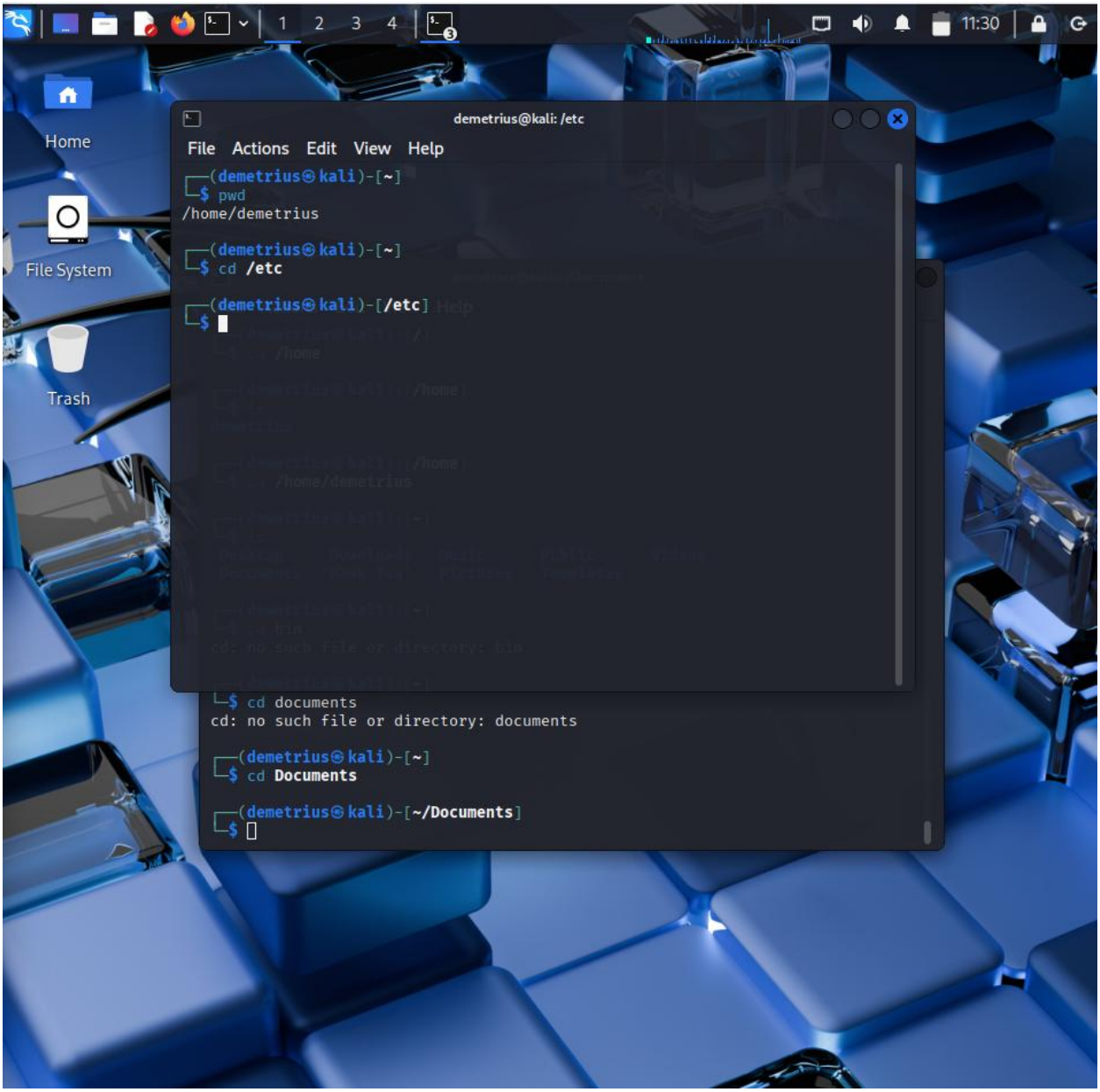
1)



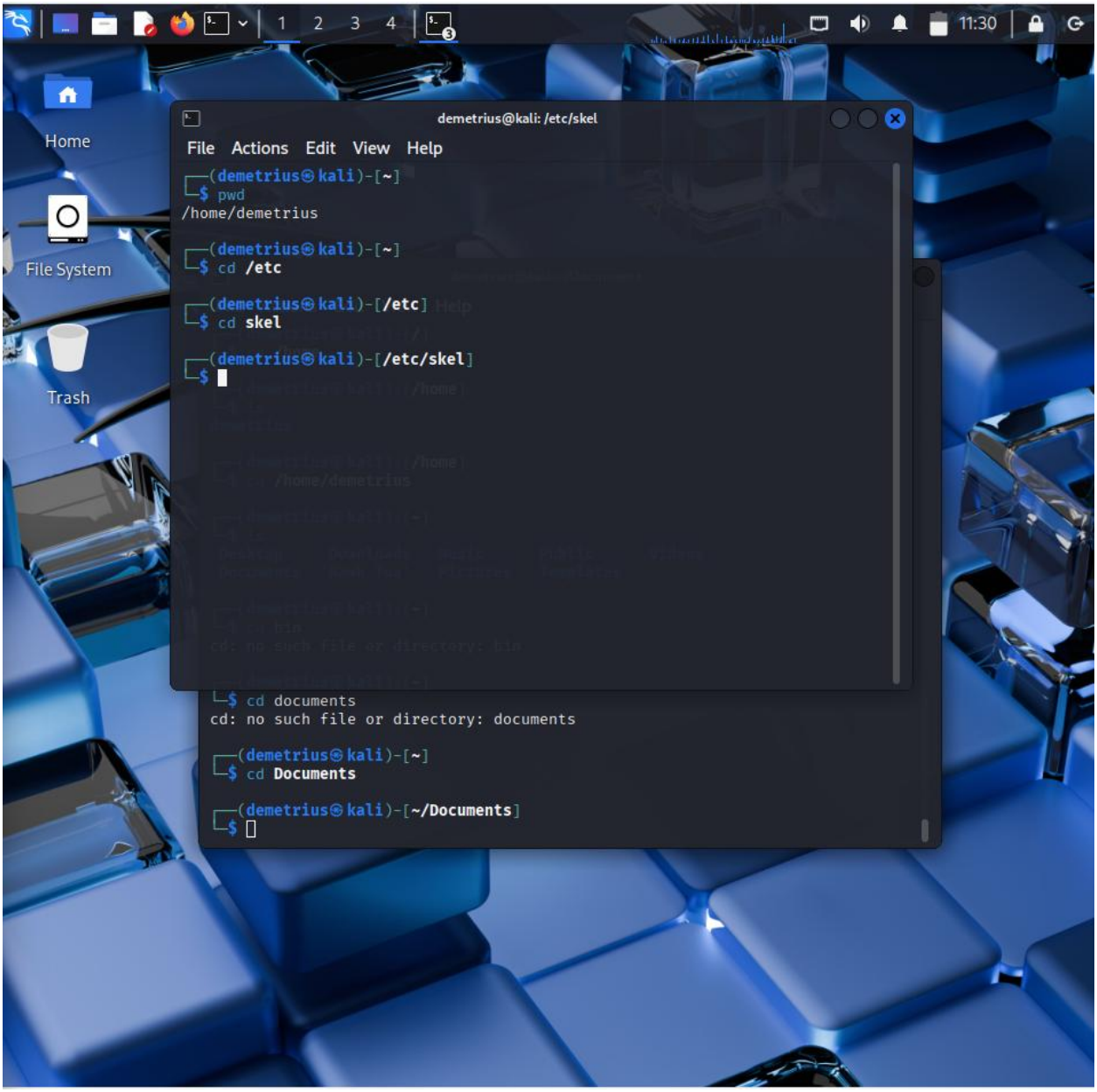
2)


1 2 3 4
10:56
Home
File System
Trash
demetrius@kali: ~
File Actions Edit View Help
(demetrius㉿kali)-[~]
$ pwd
/home/demetrius
(demetrius㉿kali)-[~]
$

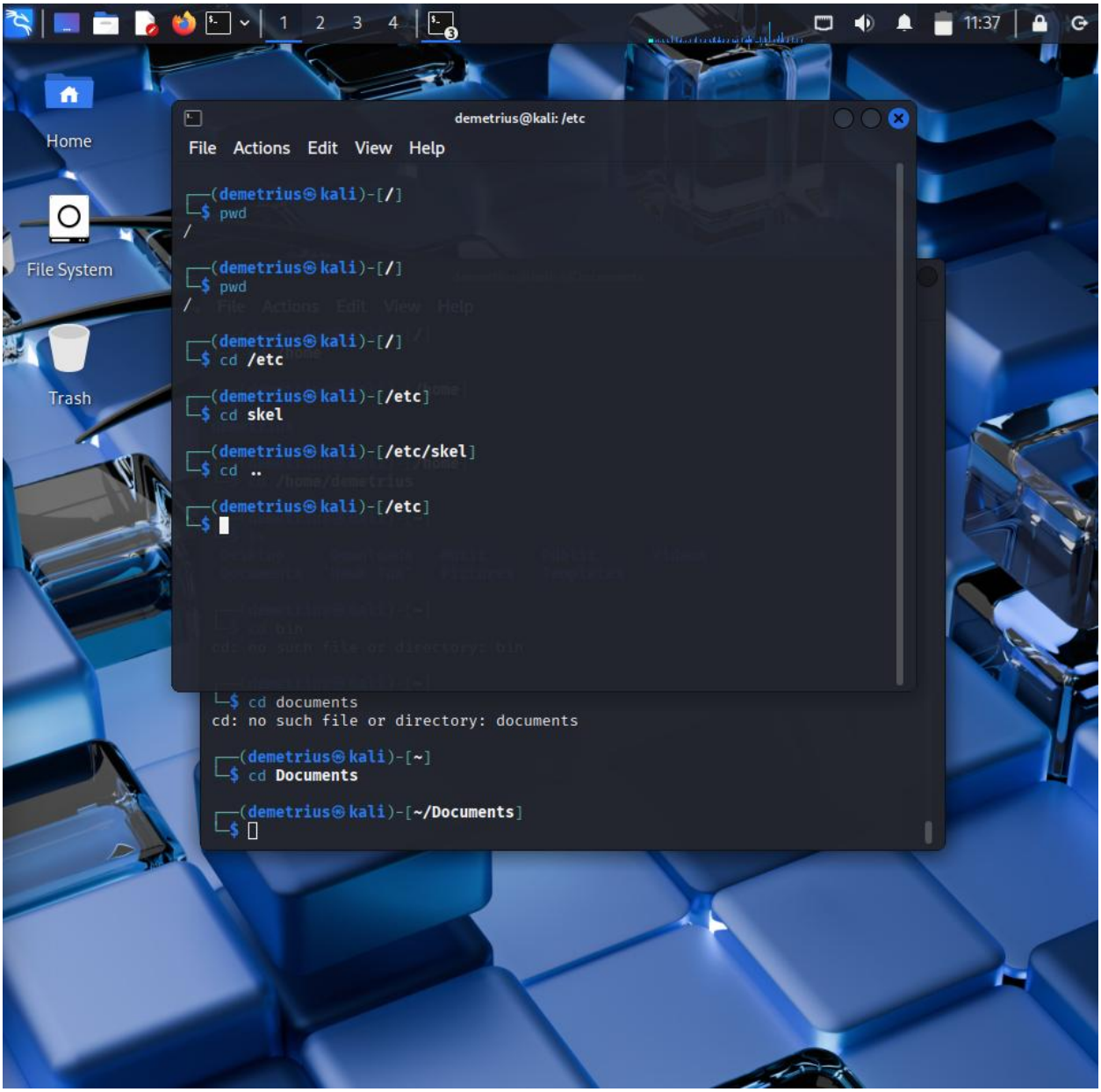
3)


1 2 3 4
11:30
Home
File System
Trash
demetrius@kali: /etc
File Actions Edit View Help
(demetrius㉿kali)-[~]
$ pwd
/home/demetrius
(demetrius㉿kali)-[~]
$ cd /etc
(demetrius㉿kali)-[/etc]
$ cd documents
cd: no such file or directory: documents
(demetrius㉿kali)-[~]
$ cd Documents
(demetrius㉿kali)-[~/Documents]
$

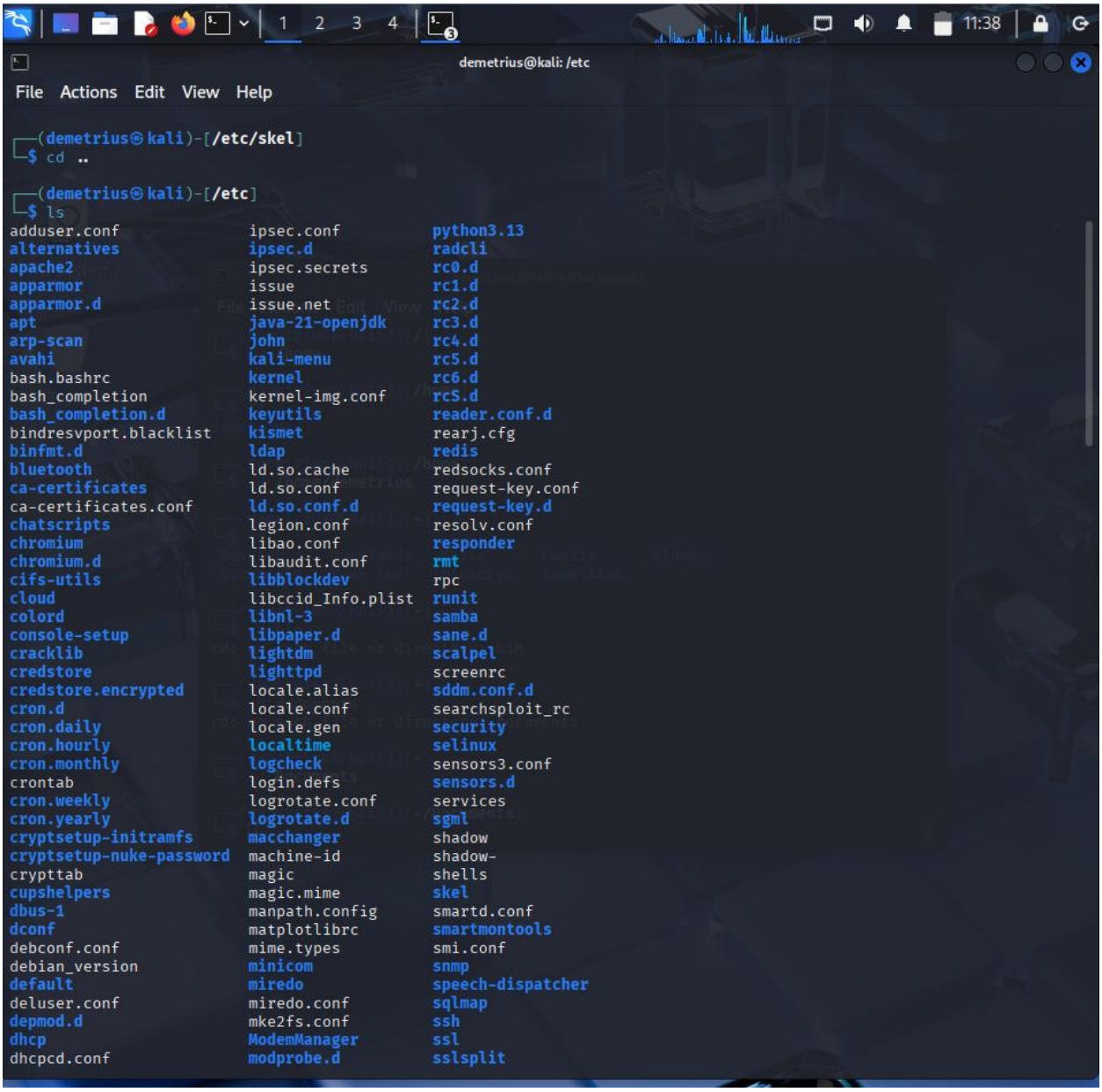
4)


1 2 3 4
11:30
Home
File System
Trash
demetrius@kali: /etc/skel
File Actions Edit View Help
(demetrius㉿kali)-[~]
$ pwd
/home/demetrius
(demetrius㉿kali)-[~]
$ cd /etc
(demetrius㉿kali)-[/etc]
$ cd skel
(demetrius㉿kali)-[/etc/skel]
$ cd documents
cd: no such file or directory: documents
(demetrius㉿kali)-[~]
$ cd Documents
(demetrius㉿kali)-[~/Documents]
$

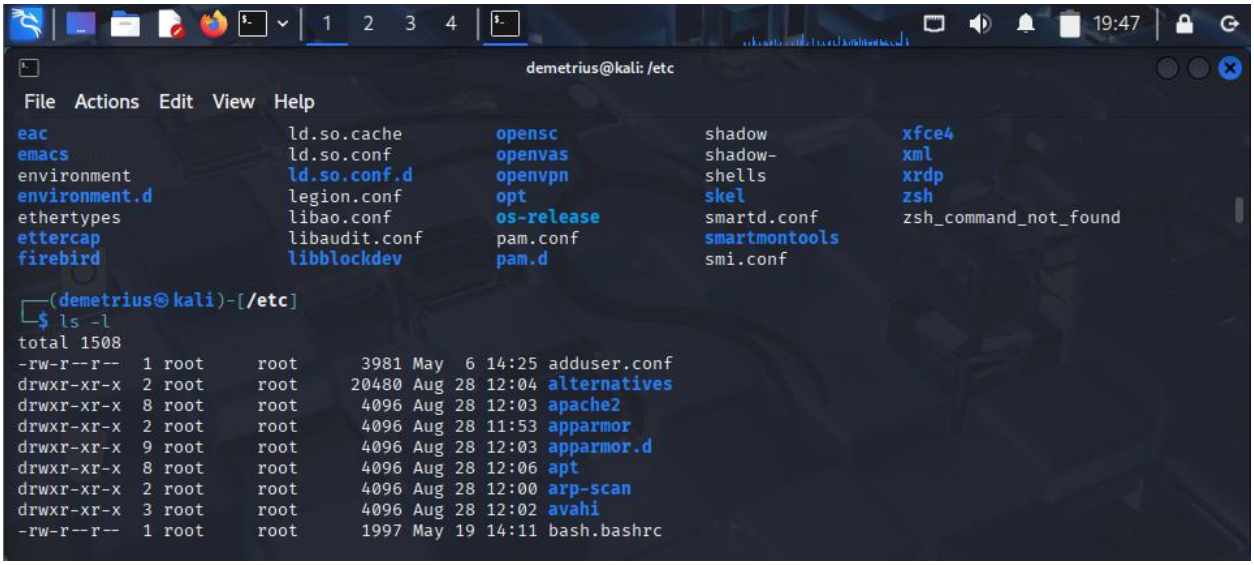
5)


1 2 3 4
11:37
Home
File System
Trash
demetrius@kali: /etc
File Actions Edit View Help
(demetrius㉿kali)-[/]
$ pwd
/
(demetrius㉿kali)-[/]
$ pwd
/
(demetrius㉿kali)-[/]
$ cd /etc
(demetrius㉿kali)-[/etc]
$ cd skel
(demetrius㉿kali)-[/etc/skel]
$ cd ..
(demetrius㉿kali)-[/etc]
$
$ cd documents
cd: no such file or directory: documents
(demetrius㉿kali)-[~]
$ cd Documents
(demetrius㉿kali)-[~/Documents]
$

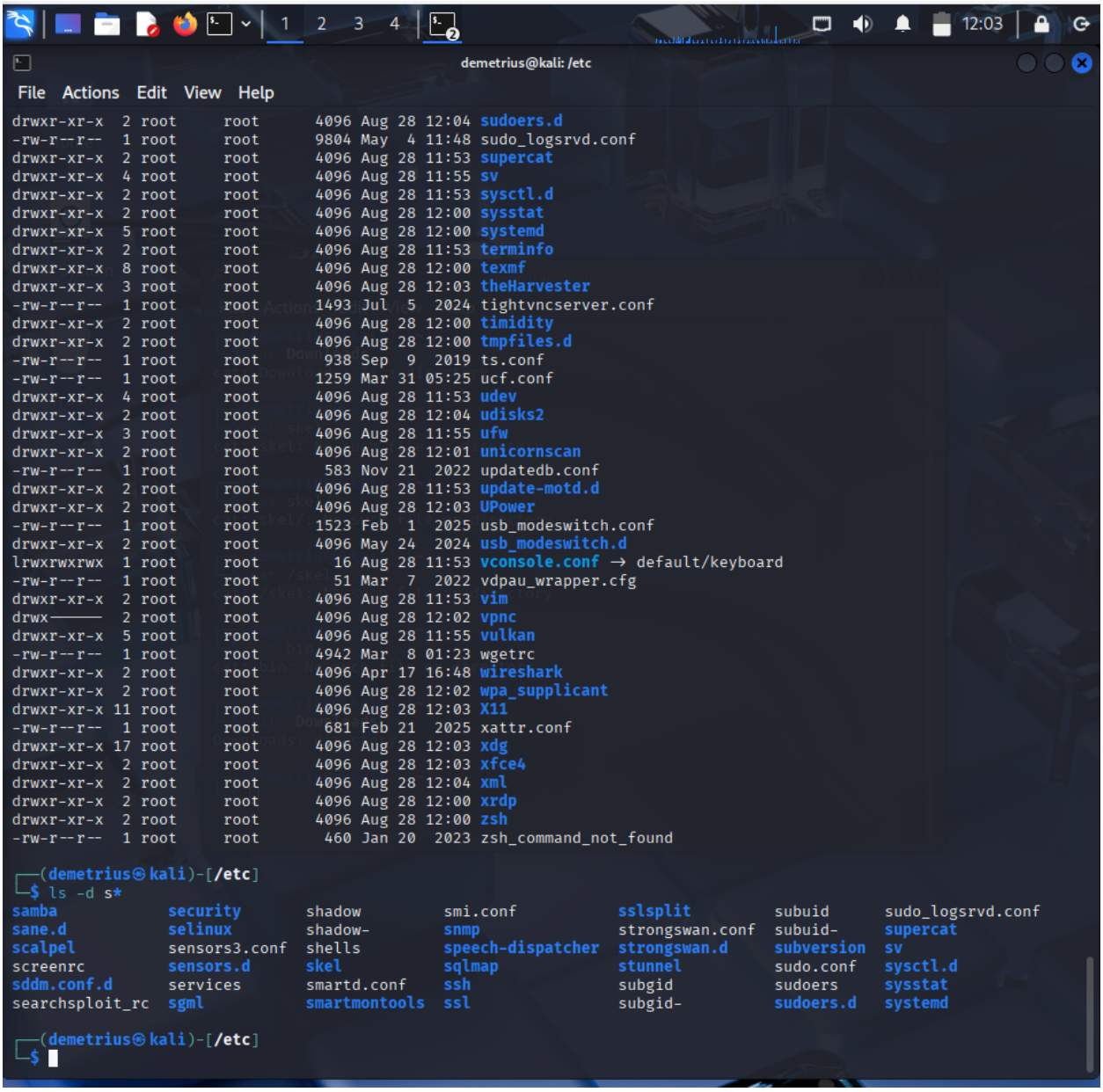
6)


1 2 3 4
11:38
demetrius@kali: /etc
File Actions Edit View Help
(demetrius㉿kali)-[/etc/skel]
$ cd ..
(demetrius㉿kali)-[/etc]
$ ls
adduser.conf
alternatives
apache2
apparmor
apparmor.d
apt
arp-scan
avahi
bash.bashrc
bash_completion
bash_completion.d
bindresvport.blacklist
binfmt.d
bluetooth
ca-certificates
ca-certificates.conf
chatscripts
chromium
chromium.d
cifs-utils
cloud
colord
console-setup
cracklib
credstore
credstore.encrypted
cron.d
cron.daily
cron.hourly
cron.monthly
crontab
cron.weekly
cron.yearly
cryptsetup-initramfs
cryptsetup-nuke-password
crypttab
cupshelpers
dbus-1
dconf
debconf.conf
debian_version
default
deluser.conf
depmod.d
dhcp
dhcpcd.conf
ipsec.conf
ipsec.d
ipsec.secrets
issue
issue.net
java-21-openjdk
john
kali-menu
kernel
kernel-img.conf
keyutils
kismet
ldap
ld.so.cache
ld.so.conf
ld.so.conf.d
legion.conf
libao.conf
libaudit.conf
libblockdev
libccid_Info.plist
libnl-3
libpaper.d
lightdm
lighttpd
locale.alias
locale.conf
locale.gen
localtime
logcheck
login.defs
logrotate.conf
logrotate.d
macchanger
machine-id
magic
magic.mime
manpath.config
matplotlibrc
mime.types
minicom
miredo
miredo.conf
mke2fs.conf
ModemManager
modprobe.d
python3.13
radcli
rc0.d
rc1.d
rc2.d
rc3.d
rc4.d
rc5.d
rc6.d
rcS.d
reader.conf.d
rearj.cfg
redis
redsocks.conf
request-key.conf
request-key.d
resolv.conf
responder
rmt
rpc
runit
samba
sane.d
scalpel
screenrc
sddm.conf.d
searchsploit_rc
security
selinux
sensors3.conf
sensors.d
services
sgml
shadow
shadow-
shells
skel
smartd.conf
smartmontools
smi.conf
snmp
speech-dispatcher
sqlmap
ssh
ssl
sslsplit

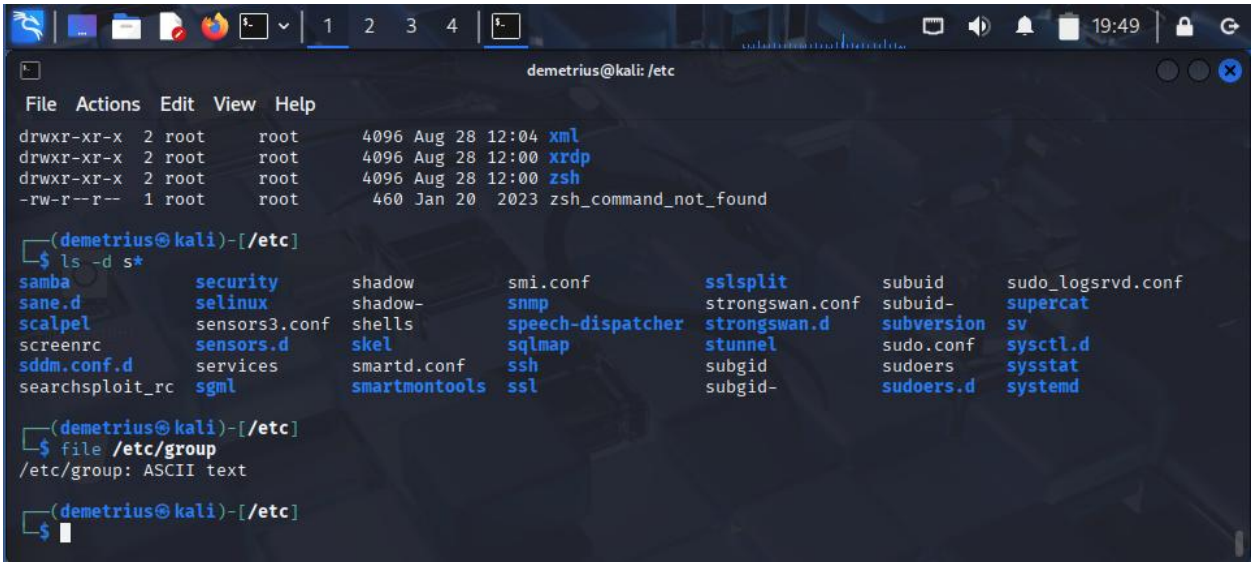
7)


1 2 3 4
19:47
demetrius@kali: /etc
File Actions Edit View Help
eac
emacs
environment
environment.d
ethertypes
ettercap
firebird
ld.so.cache
ld.so.conf
ld.so.conf.d
legion.conf
libao.conf
libaudit.conf
libblockdev
opensc
openvas
openvpn
opt
os-release
pam.conf
pam.d
shadow
shadow-
shells
skel
smartd.conf
smartmontools
smi.conf
xfce4
xml
xrdp
zsh
zsh_command_not_found
(demetrius㉿kali)-[/etc]
$ ls -l
total 1508
-rw-r--r-- 1 root root 3981 May 6 14:25 adduser.conf
drwxr-xr-x 2 root root 20480 Aug 28 12:04 alternatives
drwxr-xr-x 8 root root 4096 Aug 28 12:03 apache2
drwxr-xr-x 2 root root 4096 Aug 28 11:53 apparmor
drwxr-xr-x 9 root root 4096 Aug 28 12:03 apparmor.d
drwxr-xr-x 8 root root 4096 Aug 28 12:06 apt
drwxr-xr-x 2 root root 4096 Aug 28 12:00 arp-scan
drwxr-xr-x 3 root root 4096 Aug 28 12:02 avahi
-rw-r--r-- 1 root root 1997 May 19 14:11 bash.bashrc

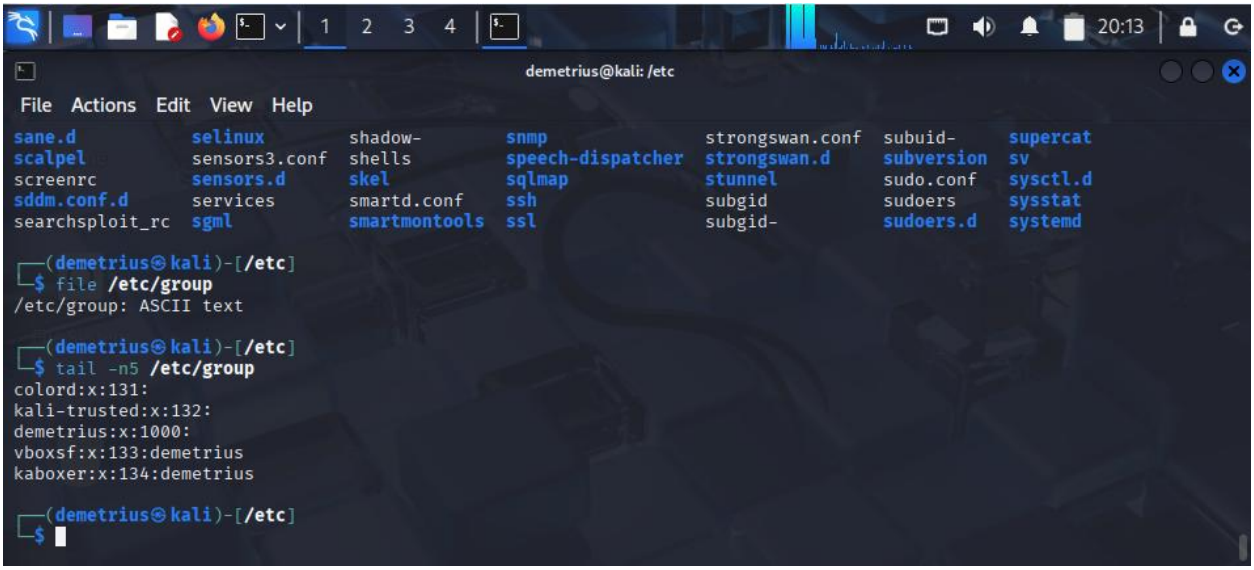
8)


demetrius@kali: /etc
File Actions Edit View Help
drwxr-xr-x 2 root root 4096 Aug 28 12:04 sudoers.d
-rw-r--r-- 1 root root 9804 May 4 11:48 sudo_logsrvd.conf
drwxr-xr-x 2 root root 4096 Aug 28 11:53 supercat
drwxr-xr-x 4 root root 4096 Aug 28 11:55 sv
drwxr-xr-x 2 root root 4096 Aug 28 11:53 sysctl.d
drwxr-xr-x 2 root root 4096 Aug 28 12:00 sysstat
drwxr-xr-x 5 root root 4096 Aug 28 12:00 systemd
drwxr-xr-x 2 root root 4096 Aug 28 11:53 terminfo
drwxr-xr-x 8 root root 4096 Aug 28 12:00 texmf
drwxr-xr-x 3 root root 4096 Aug 28 12:03 theHarvester
-rw-r--r-- 1 root root 1493 Jul 5 2024 tightvncserver.conf
drwxr-xr-x 2 root root 4096 Aug 28 12:00 timidity
drwxr-xr-x 2 root root 4096 Aug 28 12:00 tmpfiles.d
-rw-r--r-- 1 root root 938 Sep 9 2019 ts.conf
-rw-r--r-- 1 root root 1259 Mar 31 05:25 ucf.conf
drwxr-xr-x 4 root root 4096 Aug 28 11:53 udev
drwxr-xr-x 2 root root 4096 Aug 28 12:04 udisks2
drwxr-xr-x 3 root root 4096 Aug 28 11:55 ufw
drwxr-xr-x 2 root root 4096 Aug 28 12:01 unicornscan
-rw-r--r-- 1 root root 583 Nov 21 2022 updatedb.conf
drwxr-xr-x 2 root root 4096 Aug 28 11:53 update-motd.d
drwxr-xr-x 2 root root 4096 Aug 28 12:03 UPower
-rw-r--r-- 1 root root 1523 Feb 1 2025 usb_modeswitch.conf
drwxr-xr-x 2 root root 4096 May 24 2024 usb_modeswitch.d
lrwxrwxrwx 1 root root 16 Aug 28 11:53 vconsole.conf → default/keyboard
-rw-r--r-- 1 root root 51 Mar 7 2022 vdpau_wrapper.cfg
drwxr-xr-x 2 root root 4096 Aug 28 11:53 vim
drwx------ 2 root root 4096 Aug 28 12:02 vpnc
drwxr-xr-x 5 root root 4096 Aug 28 11:55 vulkan
-rw-r--r-- 1 root root 4942 Mar 8 01:23 wgetrc
drwxr-xr-x 2 root root 4096 Apr 17 16:48 wireshark
drwxr-xr-x 2 root root 4096 Aug 28 12:02 wpa_supplicant
drwxr-xr-x 11 root root 4096 Aug 28 12:03 X11
-rw-r--r-- 1 root root 681 Feb 21 2025 xattr.conf
drwxr-xr-x 17 root root 4096 Aug 28 12:03 xdg
drwxr-xr-x 2 root root 4096 Aug 28 12:03 xfce4
drwxr-xr-x 2 root root 4096 Aug 28 12:04 xml
drwxr-xr-x 2 root root 4096 Aug 28 12:00 xrdp
drwxr-xr-x 2 root root 4096 Aug 28 12:00 zsh
-rw-r--r-- 1 root root 460 Jan 20 2023 zsh_command_not_found
(demetrius㉿kali)-[/etc]
$ ls -d s*
samba security shadow smi.conf sslsplit subuid sudo_logsrvd.conf
sane.d selinux shadow- snmp strongswan.conf subuid- supercat
scalpel sensors3.conf shells speech-dispatcher strongswan.d subversion sv
screenrc sensors.d skel sqlmap stunnel sudo.conf sysctl.d
sddm.conf.d services smartd.conf ssh subgid sudoers sysstat
searchsploit_rc sgml smartmontools ssl subgid- sudoers.d systemd
(demetrius㉿kali)-[/etc]
$

9)


1 2 3 4
19:49
demetrius@kali: /etc
File Actions Edit View Help
drwxr-xr-x 2 root root 4096 Aug 28 12:04 xml
drwxr-xr-x 2 root root 4096 Aug 28 12:00 xrdp
drwxr-xr-x 2 root root 4096 Aug 28 12:00 zsh
-rw-r--r-- 1 root root 460 Jan 20 2023 zsh_command_not_found
(demetrius㉿kali)-[/etc]
$ ls -d s*
samba security shadow smi.conf sslsplit subuid sudo_logsrvd.conf
sane.d selinux shadow- snmp strongswan.conf subuid- supercat
scalpel sensors3.conf shells speech-dispatcher strongswan.d subversion sv
screenrc sensors.d skel sqlmap stunnel sudo.conf sysctl.d
sddm.conf.d services smartd.conf ssh subgid sudoers sysstat
searchsploit_rc sgml smartmontools ssl subgid- sudoers.d systemd
(demetrius㉿kali)-[/etc]
$ file /etc/group
/etc/group: ASCII text
(demetrius㉿kali)-[/etc]
$

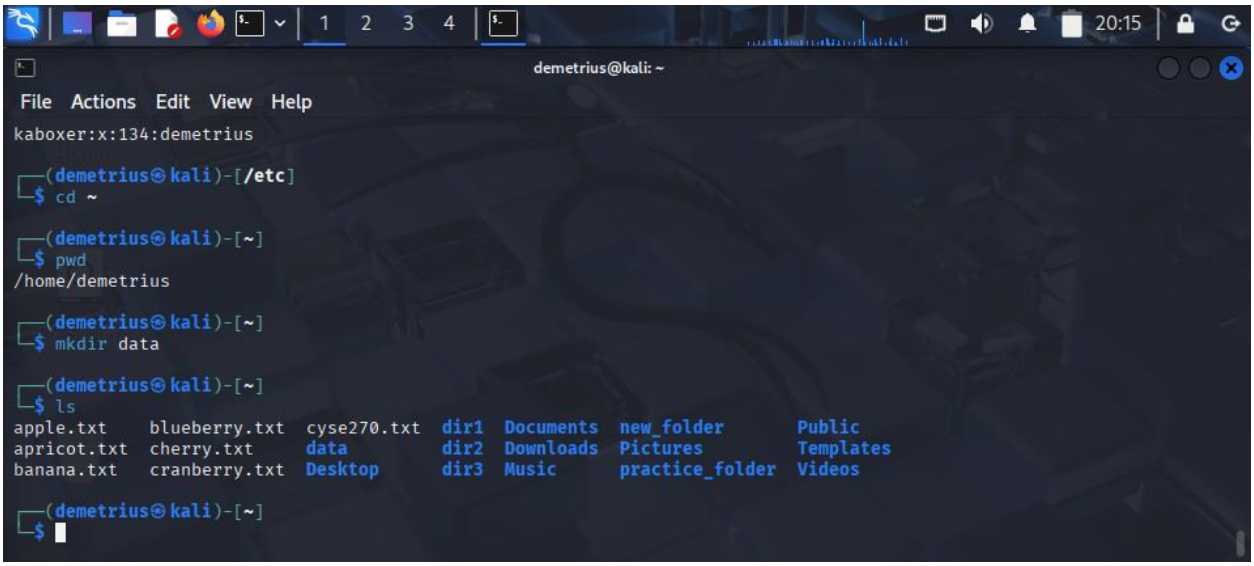
10)


1 2 3 4
20:13
demetrius@kali: /etc
File Actions Edit View Help
sane.d selinux shadow- snmp strongswan.conf subuid- supercat
scalpel sensors3.conf shells speech-dispatcher strongswan.d subversion sv
screenrc sensors.d skel sqlmap stunnel sudo.conf sysctl.d
sddm.conf.d services smartd.conf ssh subgid sudoers sysstat
searchsploit_rc sgml smartmontools ssl subgid- sudoers.d systemd
(demetrius㉿kali)-[/etc]
$ file /etc/group
/etc/group: ASCII text
(demetrius㉿kali)-[/etc]
$ tail -n5 /etc/group
colord:x:131:
kali-trusted:x:132:
demetrius:x:1000:
vboxsf:x:133:demetrius
kaboxer:x:134:demetrius
(demetrius㉿kali)-[/etc]
$

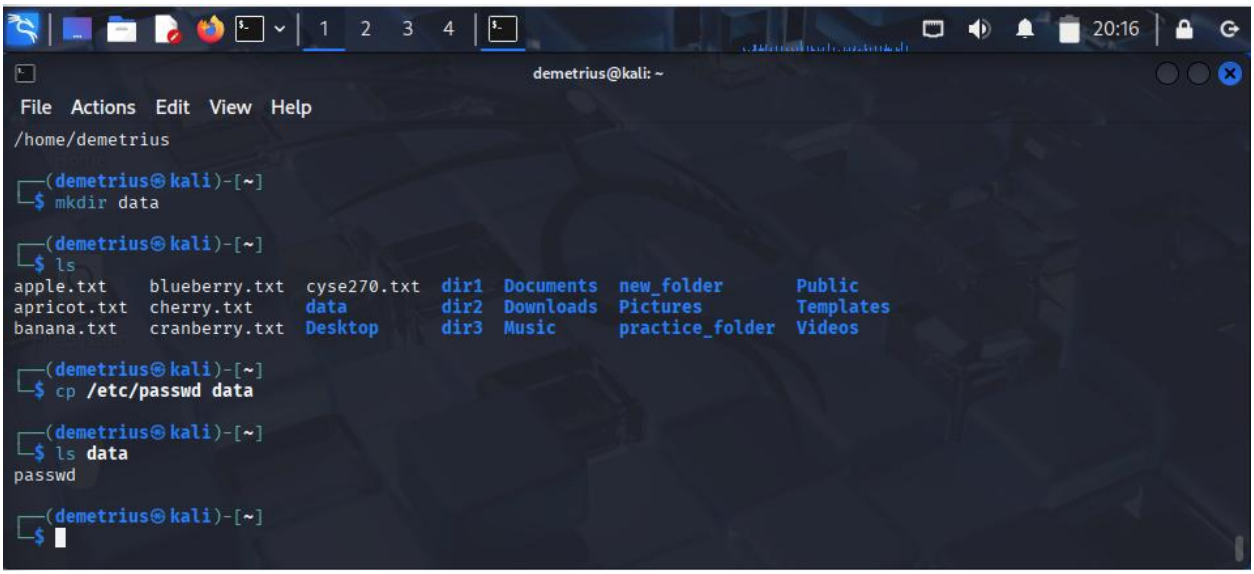
11)

1 2 3 4
20:14
demetrius@kali: ~
File Actions Edit View Help
sddm.conf.d services smartd.conf ssh subgid sudoers sysstat
searchsploit_rc sgml smartmontools ssl subgid- sudoers.d systemd
(demetrius㉿kali)-[/etc]
$ file /etc/group
/etc/group: ASCII text
(demetrius㉿kali)-[/etc]
$ tail -n5 /etc/group
colord:x:131:
kali-trusted:x:132:
demetrius:x:1000:
vboxsf:x:133:demetrius
kaboxer:x:134:demetrius
(demetrius㉿kali)-[/etc]
$ cd ~
(demetrius㉿kali)-[~]
$

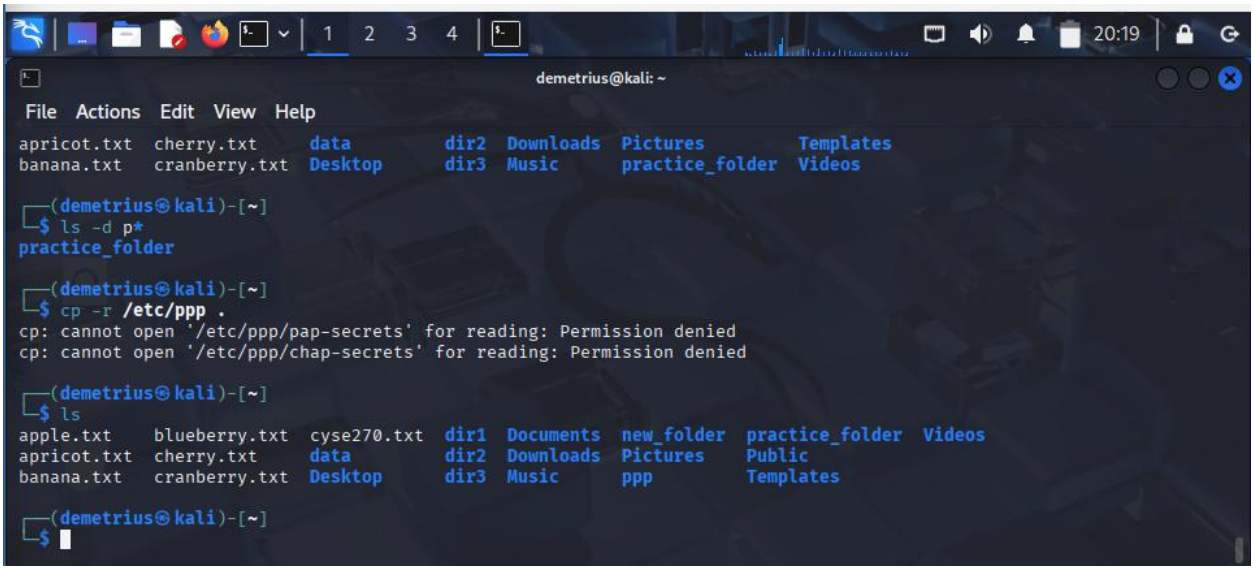
12)


1 2 3 4
20:15
demetrius@kali: ~
File Actions Edit View Help
kaboxer:x:134:demetrius
(demetrius㉿kali)-[/etc]
$ cd ~
(demetrius㉿kali)-[~]
$ pwd
/home/demetrius
(demetrius㉿kali)-[~]
$ mkdir data
(demetrius㉿kali)-[~]
$ ls
apple.txt blueberry.txt cyse270.txt dir1 Documents new_folder Public
apricot.txt cherry.txt data dir2 Downloads Pictures Templates
banana.txt cranberry.txt Desktop dir3 Music practice_folder Videos
(demetrius㉿kali)-[~]
$

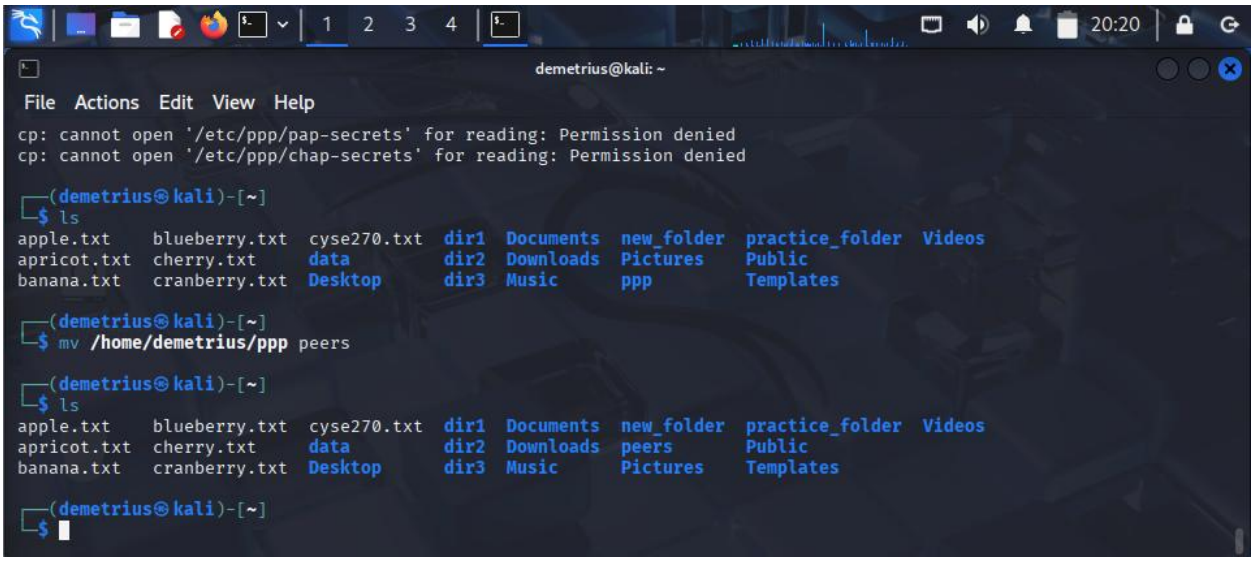
13)


1 2 3 4
20:16
demetrius@kali: ~
File Actions Edit View Help
/home/demetrius
(demetrius㉿kali)-[~]
$ mkdir data
(demetrius㉿kali)-[~]
$ ls
apple.txt blueberry.txt cyse270.txt dir1 Documents new_folder Public
apricot.txt cherry.txt data dir2 Downloads Pictures Templates
banana.txt cranberry.txt Desktop dir3 Music practice_folder Videos
(demetrius㉿kali)-[~]
$ cp /etc/passwd data
(demetrius㉿kali)-[~]
$ ls data
passwd
(demetrius㉿kali)-[~]
$

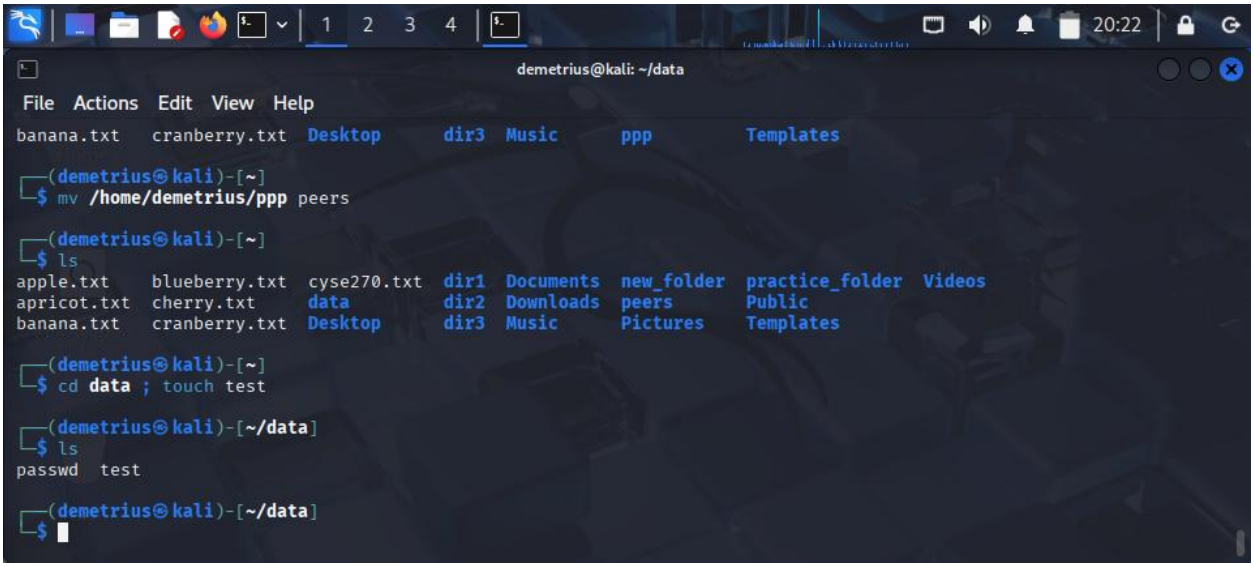
14)


1 2 3 4
20:19
demetrius@kali: ~
File Actions Edit View Help
apricot.txt cherry.txt data dir2 Downloads Pictures Templates
banana.txt cranberry.txt Desktop dir3 Music practice_folder Videos
(demetrius㉿kali)-[~]
$ ls -d p*
practice_folder
(demetrius㉿kali)-[~]
$ cp -r /etc/ppp .
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied
(demetrius㉿kali)-[~]
$ ls
apple.txt blueberry.txt cyse270.txt dir1 Documents new_folder practice_folder Videos
apricot.txt cherry.txt data dir2 Downloads Pictures Public
banana.txt cranberry.txt Desktop dir3 Music ppp Templates
(demetrius㉿kali)-[~]
$

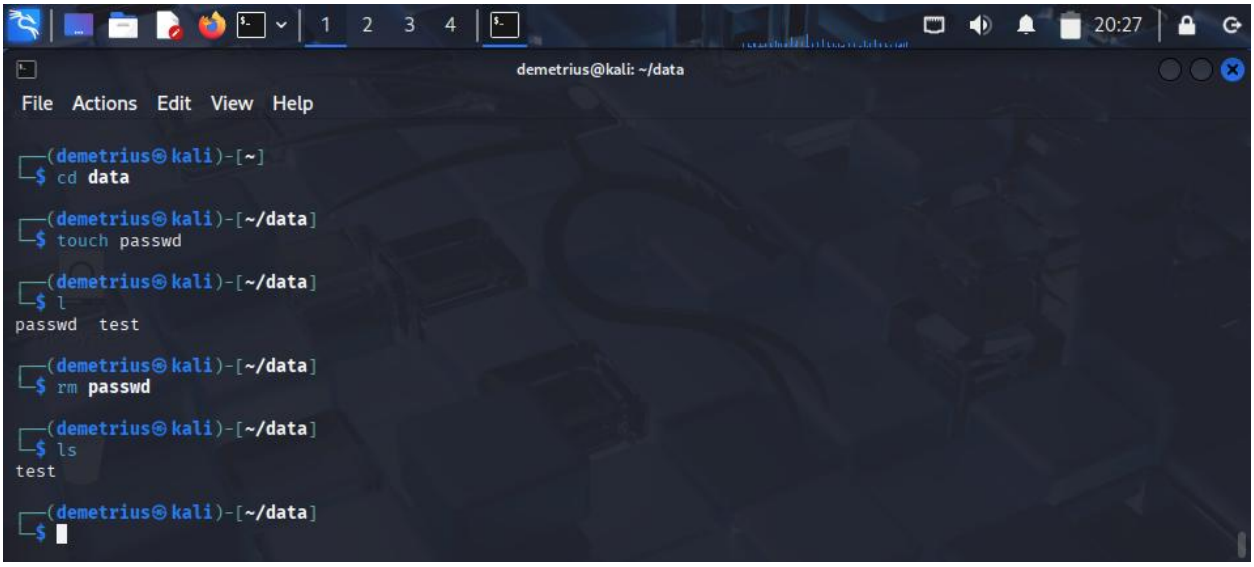
15) and 16)


1 2 3 4
20:20
demetrius@kali: ~
File Actions Edit View Help
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied
(demetrius㉿kali)-[~]
$ ls
apple.txt blueberry.txt cyse270.txt dir1 Documents new_folder practice_folder Videos
apricot.txt cherry.txt data dir2 Downloads Pictures Public
banana.txt cranberry.txt Desktop dir3 Music ppp Templates
(demetrius㉿kali)-[~]
$ mv /home/demetrius/ppp peers
(demetrius㉿kali)-[~]
$ ls
apple.txt blueberry.txt cyse270.txt dir1 Documents new_folder practice_folder Videos
apricot.txt cherry.txt data dir2 Downloads peers Public
banana.txt cranberry.txt Desktop dir3 Music Pictures Templates
(demetrius㉿kali)-[~]
$

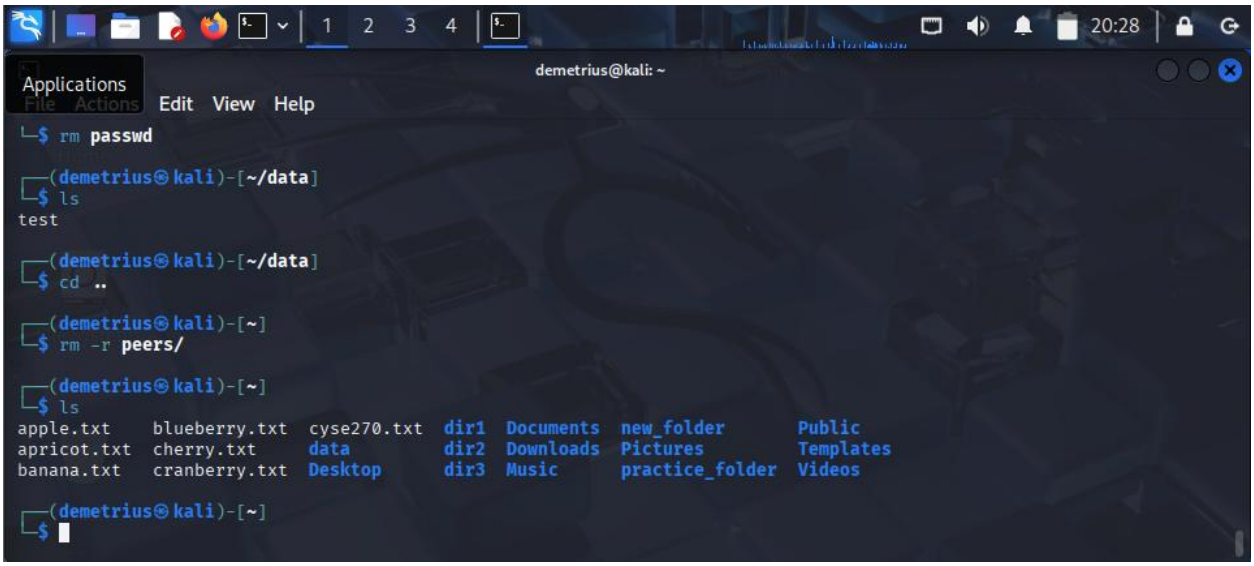
17)


1 2 3 4
20:22
demetrius@kali: ~/data
File Actions Edit View Help
banana.txt cranberry.txt Desktop dir3 Music ppp Templates
(demetrius㉿kali)-[~]
$ mv /home/demetrius/ppp peers
(demetrius㉿kali)-[~]
$ ls
apple.txt blueberry.txt cyse270.txt dir1 Documents new_folder practice_folder Videos
apricot.txt cherry.txt data dir2 Downloads peers Public
banana.txt cranberry.txt Desktop dir3 Music Pictures Templates
(demetrius㉿kali)-[~]
$ cd data ; touch test
(demetrius㉿kali)-[~/data]
$ ls
passwd test
(demetrius㉿kali)-[~/data]
$

18)


1 2 3 4
20:27
demetrius@kali: ~/data
File Actions Edit View Help
(demetrius㉿kali)-[~]
$ cd data
(demetrius㉿kali)-[~/data]
$ touch passwd
(demetrius㉿kali)-[~/data]
$ l
passwd test
(demetrius㉿kali)-[~/data]
$ rm passwd
(demetrius㉿kali)-[~/data]
$ ls
test
(demetrius㉿kali)-[~/data]
$

19) & 20)


1 2 3 4
20:28
Applications
demetrius@kali: ~
File Actions Edit View Help
$ rm passwd
(demetrius㉿kali)-[~/data]
$ ls
test
(demetrius㉿kali)-[~/data]
$ cd ..
(demetrius㉿kali)-[~]
$ rm -r peers/
(demetrius㉿kali)-[~]
$ ls
apple.txt blueberry.txt cyse270.txt dir1 Documents new_folder Public
apricot.txt cherry.txt data dir2 Downloads Pictures Templates
banana.txt cranberry.txt Desktop dir3 Music practice_folder Videos
(demetrius㉿kali)-[~]
$