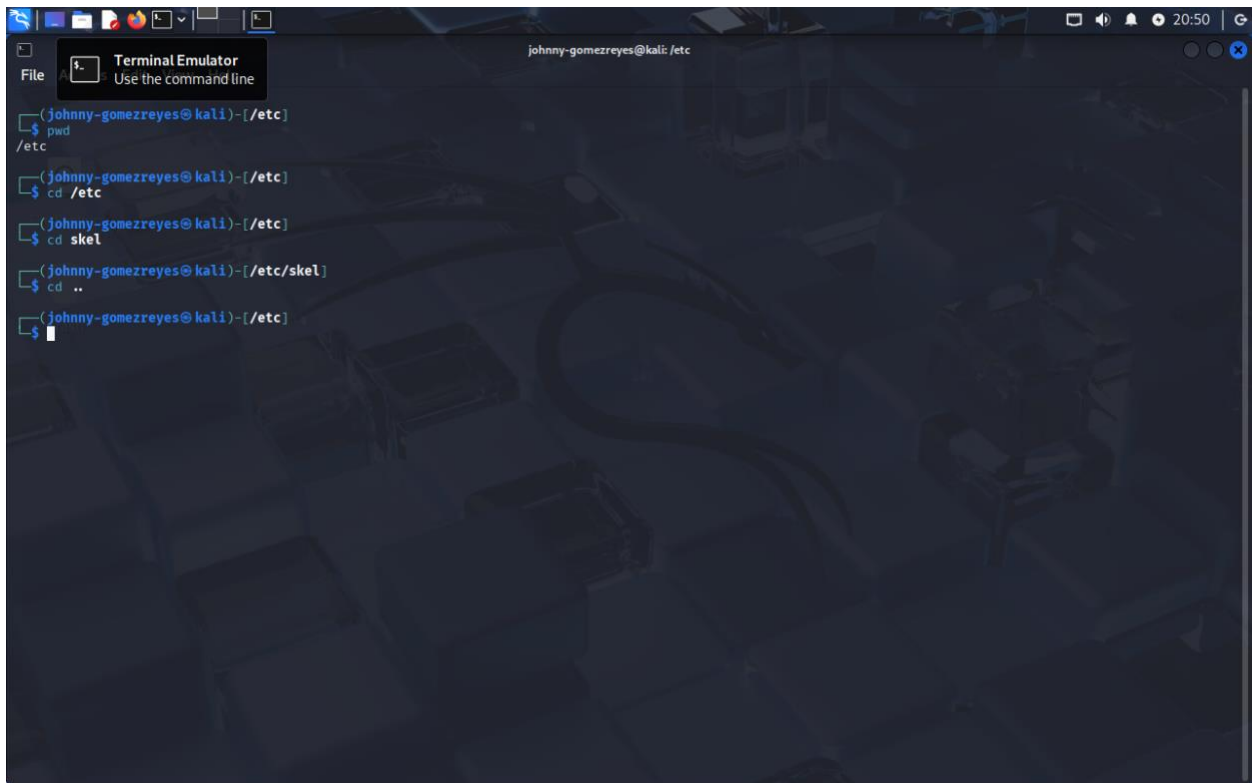


Johnny Gomez-Reyes

CYSE 270: Linux System for Cybersecurity

Assignment: Lab 2 – Working with Command Line

Steps 1-5:



```
Terminal Emulator
Use the command line

johnny-gomezreyes@kali: ~/etc
└─$ pwd
/etc

johnny-gomezreyes@kali: ~/etc
└─$ cd /etc

johnny-gomezreyes@kali: ~/etc
└─$ cd skel

johnny-gomezreyes@kali: ~/etc/skel
└─$ cd ..

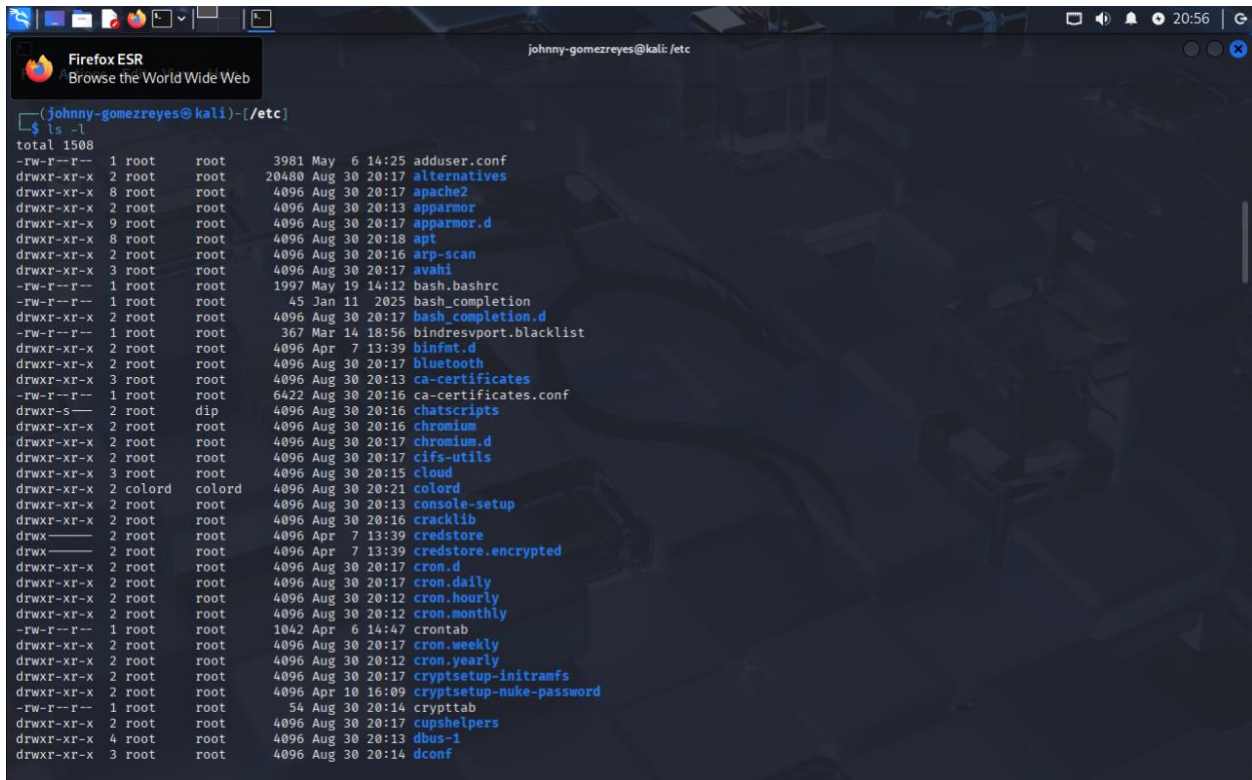
johnny-gomezreyes@kali: ~/etc
└─$
```

Step 6:

```
johnny-gomezreyes@kali: /etc
└─$ cd ..
(johnny-gomezreyes@kali)~-[etc]
└─$ ls
adduser.conf      deluser.conf      hosts              login.defs         openvas            rmt                sysctl.d
alternatives     depmod.d          hosts.allow       logrotate.conf    openvpn            rpc                sysstat
apache2          dhcp             hosts.deny        logrotate.d       opt               samba              systemd
apparmor        dhcpd.conf       ifplugd           macchanger        os-release        sane.d            terminfo
apparmor.d      dns2tcpd.conf    ImageMagick-7    machine-id        pam.conf          scalpel           texmf
apt             doc-base        inetsim          magic             paperspecs        screenrc          theHarvester
arp-scan        dpkg             initsim          magic.mime        passwd            sddm.conf.d      tightvncserver.conf
avahi          e2scrub.conf    initsim          manpath.config   passw             searchsploit_rc  timidity
bash.bashrc     eac             initsim          matplotlib        passwd            security          tmpfiles.d
bash_completion e2scrub.conf    initsim          modprobe.d       perl             sensors3.conf    ts.conf
bash_completion eac             initsim          modprobe.d       perl             sensors.d         ucf.conf
bash_completion emacs           initsim          ipsec.conf       polkit-1         services         udev
bindresvport.blacklist environment      ipsec.conf       ipsec.secrets    smartd.conf     usb_modeswitch.conf
binfmt.d        environment.d    ipsec.conf       issue            shadow          usb_modeswitch.d
bluetooth      ettercap        ipsec.conf       java-21-openjdk  shells          vconsole.conf
ca-certificates firebird        ipsec.conf       john             skel            vdpau_wrapper.cfg
chatscripts    firefox-esr     ipsec.conf       kali-menu        smartmontools   vim
chromium       fonts          ipsec.conf       kernel           smi.conf        vm
chromium.d     freetds        ipsec.conf       keyutils        speech-dispatcher
cifs-utils     fstab          ipsec.conf       kismet          sqlmap          vulkan
cloud          fuse.conf      ipsec.conf       ld.so.cache     ssh             wgetrc
colord         gal.conf       ipsec.conf       ld.so.conf.d    ssh             wireshark
console-setup  geoclue       ipsec.conf       ldap            ssl             wpa_supplicant
cracklib       ghostscript    ipsec.conf       ld.so.conf.d    sslsplit       x11
credstore     gnome-system-tools
cron.d         gophish       ipsec.conf       ld.so.conf.d    strongswan.conf
cron.daily    gprofng.rc    ipsec.conf       libao.conf      strongswan.d   xdg
cron.hourly   groff         ipsec.conf       libaudit.conf  stunnel        xfce4
cron.monthly  group        ipsec.conf       libblockdev     subgid         xrdp
crontab       group        ipsec.conf       libccid_Info.plist
cron.weekly   grub.d        ipsec.conf       libl3           subuid         zsh
cryptsetup-initramfs
cryptsetup-ntfs
crypttab      gshadow       ipsec.conf       libpaper.d      subuid         zsh_command_not_found
cupshelpers  gshadow-      ipsec.conf       libpaper.d      sudo.conf
dbus-1        gtk-2.0       ipsec.conf       libpaper.d      sudoers
dconf        gtk-3.0       ipsec.conf       libpaper.d      sudoers.d

```

Step 7:



```
johnny-gomezreyes@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 30 20:17 alternatives
drwxr-xr-x 8 root root 4096 Aug 30 20:17 apache2
drwxr-xr-x 2 root root 4096 Aug 30 20:13 apparmor
drwxr-xr-x 9 root root 4096 Aug 30 20:17 apparmor.d
drwxr-xr-x 8 root root 4096 Aug 30 20:18 apt
drwxr-xr-x 2 root root 4096 Aug 30 20:16 arp-scan
drwxr-xr-x 3 root root 4096 Aug 30 20:17 avahi
-rw-r--r-- 1 root root 1997 May 19 14:12 bash.bashrc
-rw-r--r-- 1 root root 45 Jan 11 2025 bash_completion
drwxr-xr-x 2 root root 4096 Aug 30 20:17 bash_completion.d
-rw-r--r-- 1 root root 367 Mar 14 18:56 bindresvport.blacklist
drwxr-xr-x 2 root root 4096 Apr 7 13:39 binfmt.d
drwxr-xr-x 2 root root 4096 Aug 30 20:17 bluetooth
drwxr-xr-x 3 root root 4096 Aug 30 20:13 ca-certificates
-rw-r--r-- 1 root root 6422 Aug 30 20:16 ca-certificates.conf
drwxr-xr-x 2 root dip 4096 Aug 30 20:16 chatscripts
drwxr-xr-x 2 root root 4096 Aug 30 20:16 chromium
drwxr-xr-x 2 root root 4096 Aug 30 20:17 chromium.d
drwxr-xr-x 2 root root 4096 Aug 30 20:17 cifs-utils
drwxr-xr-x 3 root root 4096 Aug 30 20:15 cloud
drwxr-xr-x 2 colord colord 4096 Aug 30 20:21 colord
drwxr-xr-x 2 root root 4096 Aug 30 20:13 console-setup
drwxr-xr-x 2 root root 4096 Aug 30 20:16 cracklib
drwxr-xr-x 2 root root 4096 Apr 7 13:39 credstore
drwxr-xr-x 2 root root 4096 Apr 7 13:39 credstore.encrypted
drwxr-xr-x 2 root root 4096 Aug 30 20:17 cron.d
drwxr-xr-x 2 root root 4096 Aug 30 20:17 cron.daily
drwxr-xr-x 2 root root 4096 Aug 30 20:12 cron.hourly
drwxr-xr-x 2 root root 4096 Aug 30 20:12 cron.monthly
-rw-r--r-- 1 root root 1042 Apr 6 14:47 crontab
drwxr-xr-x 2 root root 4096 Aug 30 20:17 cron.weekly
drwxr-xr-x 2 root root 4096 Aug 30 20:12 cron.yearly
drwxr-xr-x 2 root root 4096 Aug 30 20:17 cryptsetup-initramfs
drwxr-xr-x 2 root root 4096 Apr 10 16:09 cryptsetup-ntfs-passwd
-rw-r--r-- 1 root root 54 Aug 30 20:14 crypttab
drwxr-xr-x 2 root root 4096 Aug 30 20:17 cupshelpers
drwxr-xr-x 4 root root 4096 Aug 30 20:13 dbus-1
drwxr-xr-x 3 root root 4096 Aug 30 20:14 dconf
```

Step 8:

```
johnny-gomezreyes@kali: /etc
screenrc      sensors3.conf shadow  shells      smi.conf    subgid     subuid     sudo.conf   sudo_logsrvd.conf
searchsploit_rc services      shadow-  smartd.conf strongswan.conf subgid-    subuid-    sudoers

samba:
gdbcommands  smb.conf

sane.d:
abaton.conf      canon_lide70.conf dll.d      hp3900.conf  lexmark.conf  net.conf    saned.conf   teco3.conf
agfaFocus.conf  canon_pp.conf    cardscan.conf dmc.conf    hp4200.conf  lexmark_x2600.conf p5.conf     sceptre.conf test.conf
airscan.conf    coolscan.conf   coolscan2.conf epjitsu.conf hp5400.conf  ma1509.conf  pie.conf     sharp.conf   u12.conf
apple.conf      coolscan3.conf  coolscan3.conf epson2.conf  hp.conf       magicolor.conf pieusb.conf  sm3840.conf umax1220u.conf
artec.conf      coolscan.conf   coolscan.conf  epson.conf  hpsj5s.conf  matsushita.conf pixma.conf   snapscan.conf umax.conf
artec_eplus48u.conf dc210.conf      dc240.conf     epsonds.conf hs2p.conf    microtek2.conf plusb.conf   sp15c.conf   umax_pp.conf
avision.conf    dc25.conf       dc25.conf      escl.conf    ibm.conf     microtek.conf plusb_pp.conf st400.conf   v4l.conf
bh.conf         canon630u.conf  dc210.conf     fujitsu.conf kodak.conf    mustek.conf   plusb_pp.conf stv680.conf  xerox_mfp.conf
canon.conf      canon_dr.conf   dc25.conf      genesys.conf kodakaio.conf mustek_pp.conf plusb_pp.conf tamarack.conf tecol.conf
canon_dr.conf   canon_dr.conf   dll.conf       gphoto2.conf kvs1025.conf mustek_usb.conf rts8891.conf tamarack.conf tecol.conf
                canon_dr.conf   dll.conf       gt68xx.conf  leo.conf     nec.conf      s9036.conf   tamarack.conf tecol.conf

scalpel:
scalpel.conf

sddm.conf.d:
kde_settings.conf

security:
access.conf      group.conf      limits.d      namespace.d  opasswd      pwhistory.conf sepermit.conf user_map.conf
faillock.conf   limits.conf     namespace.conf namespace.init pam_env.conf  pwquality.conf time.conf

selinux:
semanage.conf

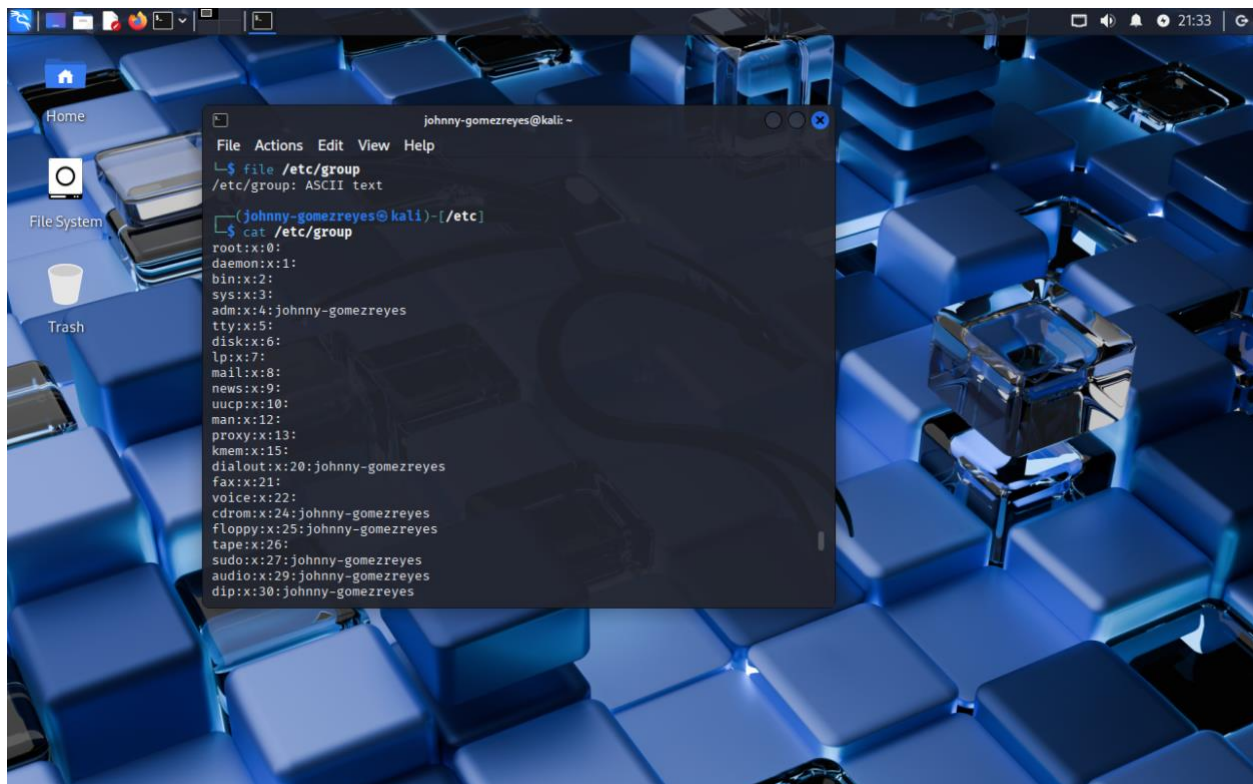
sensors.d:

sgml:
catalog  docbook-xml  docbook-xml.cat  sgml-data.cat  xml-core.cat

skel:

smartmontools:
run.d  smartd_warning.d
```

Steps 9-10:



The image shows a Kali Linux desktop environment with a blue-themed keyboard background. A terminal window is open, displaying the contents of the /etc/group file. The terminal output is as follows:

```
johnny-gomezreyes@kali: ~  
File Actions Edit View Help  
└─$ file /etc/group  
/etc/group: ASCII text  
└─$ cat /etc/group  
(johnny-gomezreyes@kali)-[~/etc]  
└─$  
root:x:0:  
daemon:x:1:  
bin:x:2:  
sys:x:3:  
adm:x:4:johnny-gomezreyes  
tty:x:5:  
disk:x:6:  
lp:x:7:  
mail:x:8:  
news:x:9:  
uucp:x:10:  
man:x:12:  
proxy:x:13:  
kmem:x:15:  
dialout:x:20:johnny-gomezreyes  
fax:x:21:  
voice:x:22:  
cdrom:x:24:johnny-gomezreyes  
floppy:x:25:johnny-gomezreyes  
tape:x:26:  
sudo:x:27:johnny-gomezreyes  
audio:x:29:johnny-gomezreyes  
dip:x:30:johnny-gomezreyes
```

Steps 11-20:

```
johnny-gomezreyes@kali: ~  
File Actions Edit View Help  
kali-trusted:x:132:  
johnny-gomezreyes:x:1000:  
kaboxer:x:133:johnny-gomezreyes  
  
(johnny-gomezreyes@kali)-[~/etc]  
└─$ cd ~  
  
(johnny-gomezreyes@kali)-[~]  
└─$ mkdir data  
mkdir: cannot create directory 'data': File exists  
  
(johnny-gomezreyes@kali)-[~]  
└─$ cp /etc/passwd data/  
  
(johnny-gomezreyes@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  
  
(johnny-gomezreyes@kali)-[~]  
└─$ mv ppp peers  
  
(johnny-gomezreyes@kali)-[~]  
└─$ ls  
2  apricot.txt  blueberry.txt  cranberry.txt  demo.txt  dir  dir3  Downloads  Music  peers  practice_folder  Templates  
apple.txt  banana.txt  cherry.txt  data  Desktop  dir1  Documents  file1.txt,  new_folder  Pictures  Public  Videos  
  
(johnny-gomezreyes@kali)-[~]  
└─$ touch data/test  
  
(johnny-gomezreyes@kali)-[~]  
└─$ rm data/passwd  
  
(johnny-gomezreyes@kali)-[~]  
└─$ rm -r peers  
  
(johnny-gomezreyes@kali)-[~]  
└─$ ls  
2  apricot.txt  blueberry.txt  cranberry.txt  demo.txt  dir  dir3  Downloads  Music  Pictures  practice_folder  Public  Videos  
apple.txt  banana.txt  cherry.txt  data  Desktop  dir1  Documents  file1.txt,  new_folder  practice_folder  Templates  
  
(johnny-gomezreyes@kali)-[~]  
└─$
```