

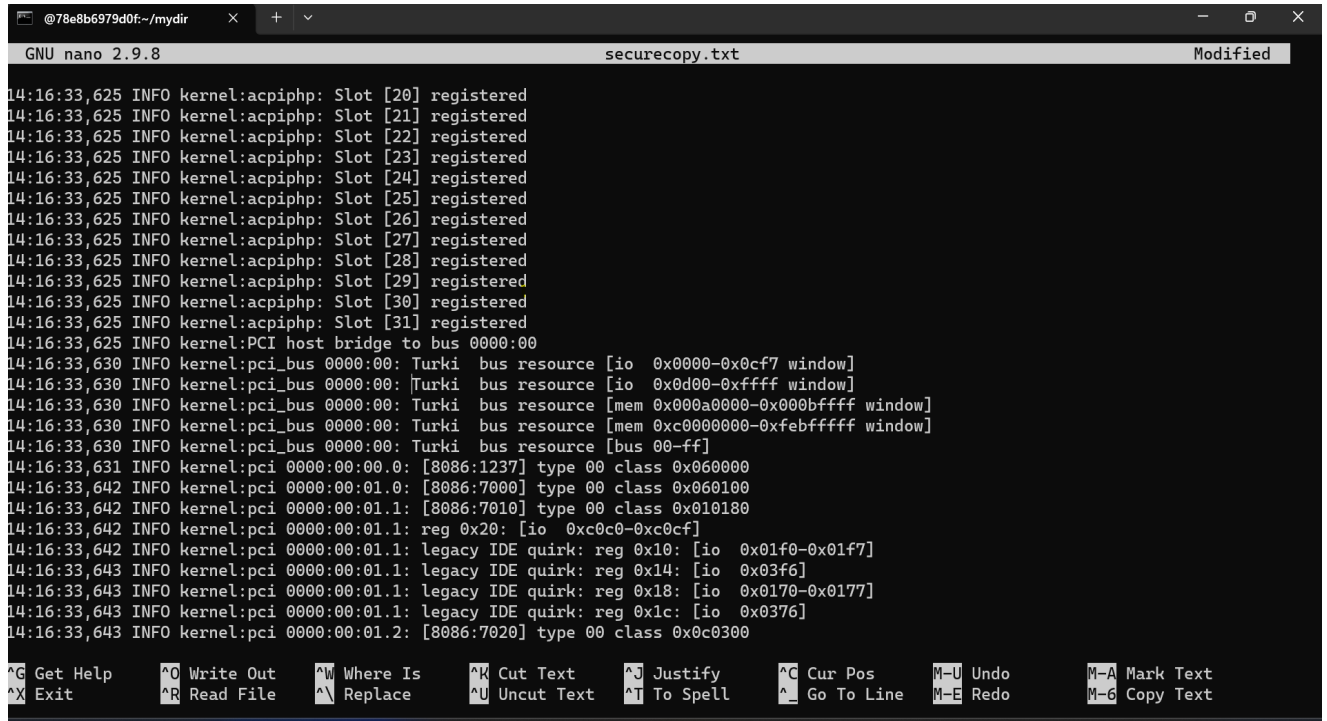
Turki mansour alturaikhem

cksum securecopy.txt and save the output as screen shot:

```
@78e8b6979d0f:~/mydir X + v
[root@78e8b6979d0f tartest]# sudo mkdir -p ~/mydir/mydir2
[root@78e8b6979d0f tartest]# sudo touch ~/mydir/mydir2/Turkimansour.txt
[root@78e8b6979d0f tartest]# cp /var/log/anaconda/syslog ~/mydir/securecopy.txt
[root@78e8b6979d0f tartest]# ls
tarball.tar.gz  tartest  test2.txt  test.txt
[root@78e8b6979d0f tartest]# cd ~
[root@78e8b6979d0f ~]# ls
anaconda-ks.cfg  logs.txt          tartest
anaconda-post.log  mydir            turki.html
calender.txt     original-ks.cfg
[root@78e8b6979d0f ~]# find . -type f -name "securecopy.txt"
./mydir/securecopy.txt
[root@78e8b6979d0f ~]# ./mydir/securecopy.txt
bash: ./mydir/securecopy.txt: Permission denied
[root@78e8b6979d0f ~]# cd ./mydir/securecopy.txt
bash: cd: ./mydir/securecopy.txt: Not a directory
[root@78e8b6979d0f ~]# cd ./mydir/securecopy.txt
bash: cd: ./mydir/securecopy.txt: Not a directory
[root@78e8b6979d0f ~]# cd ./mydir
[root@78e8b6979d0f mydir]# pwd
/root/mydir
[root@78e8b6979d0f mydir]# ls
mydir2  securecopy.txt
[root@78e8b6979d0f mydir]# cksum securecopy.txt
2766876939 488142 securecopy.txt
[root@78e8b6979d0f mydir]# |
```

2- open ~/mydir/securecopy.txt with nano editor and replace all "root" keywords with your name and exit the nano:

After Replace the "root" word with "my name " in nano :



The screenshot shows a terminal window with the nano text editor open. The editor is editing a file named 'securecopy.txt'. The content of the file is a log of kernel messages, where the word 'root' has been replaced with 'my name'. The log messages include information about ACPI slots, PCI bus resources, and IDE quirks. The nano editor's status bar at the bottom shows the file name 'securecopy.txt' and the word 'Modified'. The bottom of the screen displays the nano editor's command shortcuts.

```
@78e8b6979d0f:~/mydir
GNU nano 2.9.8 securecopy.txt Modified

14:16:33,625 INFO kernel:acpihp: Slot [20] registered
14:16:33,625 INFO kernel:acpihp: Slot [21] registered
14:16:33,625 INFO kernel:acpihp: Slot [22] registered
14:16:33,625 INFO kernel:acpihp: Slot [23] registered
14:16:33,625 INFO kernel:acpihp: Slot [24] registered
14:16:33,625 INFO kernel:acpihp: Slot [25] registered
14:16:33,625 INFO kernel:acpihp: Slot [26] registered
14:16:33,625 INFO kernel:acpihp: Slot [27] registered
14:16:33,625 INFO kernel:acpihp: Slot [28] registered
14:16:33,625 INFO kernel:acpihp: Slot [29] registered
14:16:33,625 INFO kernel:acpihp: Slot [30] registered
14:16:33,625 INFO kernel:acpihp: Slot [31] registered
14:16:33,625 INFO kernel:PCI host bridge to bus 0000:00
14:16:33,630 INFO kernel:pci_bus 0000:00: Turki bus resource [io 0x0000-0x0cf7 window]
14:16:33,630 INFO kernel:pci_bus 0000:00: Turki bus resource [io 0x0d00-0xffff window]
14:16:33,630 INFO kernel:pci_bus 0000:00: Turki bus resource [mem 0x000a0000-0x000bffff window]
14:16:33,630 INFO kernel:pci_bus 0000:00: Turki bus resource [mem 0xc0000000-0xfebfffff window]
14:16:33,630 INFO kernel:pci_bus 0000:00: Turki bus resource [bus 00-ff]
14:16:33,631 INFO kernel:pci 0000:00:00.0: [8086:1237] type 00 class 0x060000
14:16:33,642 INFO kernel:pci 0000:00:01.0: [8086:7000] type 00 class 0x060100
14:16:33,642 INFO kernel:pci 0000:00:01.1: [8086:7010] type 00 class 0x010180
14:16:33,642 INFO kernel:pci 0000:00:01.1: reg 0x20: [io 0xc0c0-0xc0cf]
14:16:33,642 INFO kernel:pci 0000:00:01.1: legacy IDE quirk: reg 0x10: [io 0x01f0-0x01f7]
14:16:33,643 INFO kernel:pci 0000:00:01.1: legacy IDE quirk: reg 0x14: [io 0x03f6]
14:16:33,643 INFO kernel:pci 0000:00:01.1: legacy IDE quirk: reg 0x18: [io 0x0170-0x0177]
14:16:33,643 INFO kernel:pci 0000:00:01.1: legacy IDE quirk: reg 0x1c: [io 0x0376]
14:16:33,643 INFO kernel:pci 0000:00:01.2: [8086:7020] type 00 class 0x0c0300

^G Get Help      ^O Write Out    ^W Where Is     ^K Cut Text     ^J Justify      ^C Cur Pos      M-U Undo        M-A Mark Text
^X Exit          ^R Read File    ^\ Replace      ^U Uncut Text   ^T To Spell     _ Go To Line    M-E Redo        M-G Copy Text
```

After cksum securecopy.txt : We find that the cksum number is changed after the file be modified :

```
@78e8b6979d0f:~/mydir x + v
Total 232 kB/s | 581 kB 00:02
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      : 1/1
  Installing     : nano-2.9.8-1.el8.x86_64 1/1
  Running scriptlet: nano-2.9.8-1.el8.x86_64 1/1
  Verifying      : nano-2.9.8-1.el8.x86_64 1/1

Installed:
  nano-2.9.8-1.el8.x86_64

Complete!
[root@78e8b6979d0f mydir]# nano securecopy.txt
[root@78e8b6979d0f mydir]# nano securecopy.txt
[root@78e8b6979d0f mydir]# nano securecopy.txt
[root@78e8b6979d0f mydir]# nano securecopy.txt
[root@78e8b6979d0f mydir]# nano securecopy.txt
[root@78e8b6979d0f mydir]# cksum securecopy.txt
3167062781 488338 securecopy.txt
[root@78e8b6979d0f mydir]#
```

Use the find command to find yourname.txt in your environment and save the output as screen shot:

```
@78e8b6979d0f:~ x + v
[root@78e8b6979d0f ~]# ls
anaconda-ks.cfg anaconda-post.log calender.txt logs.txt mydir original-ks.cfg tartest turki.html turki.txt
[root@78e8b6979d0f ~]# find . -name turki.txt
./turki.txt
[root@78e8b6979d0f ~]#
```

-Use man page with the "useradd" command and save the output in "useradd-man.txt" using what you have learned in "stdin/stdout" lesson, then grep the word "password" from the "useradd-man.txt" you have created and take a screen shot for the grep output.

```
@78e8b6979d0f:~  
  
10 can't update group file  
  
12 can't create home directory  
  
14 can't update SELinux user mapping  
  
SEE ALSO  
chfn(1), chsh(1), passwd(1), crypt(3), groupadd(8), groupdel(8), groupmod(8), login.defs(5), newusers(8), subgid(5),  
subuid(5), userdel(8), usermod(8).  
  
shadow-utils 4.6 08/18/2021 USERADD(8)  
[root@78e8b6979d0f ~]# grep "password" useradd-man.txt  
The number of days after a password expires until the account is permanently disabled. A value of 0 disables the  
account as soon as the password has expired, and a value of -1 disables the feature.  
Example: -K PASS_MAX_DAYS=-1 can be used when creating system account to turn off password aging, even though system  
account has no password at all. Multiple -K options can be specified, e.g.: -K UID_MIN=100 -K UID_MAX=499  
-p, --password PASSWORD  
The encrypted password, as returned by crypt(3). The default is to disable the password.  
Note: This option is not recommended because the password (or encrypted password) will be visible by users listing the  
You should make sure the password respects the system's password policy.  
The number of days after a password has expired before the account will be disabled.  
the same name, same password, and same GID).  
The maximum number of days a password may be used. If the password is older than this, a password change will be  
The minimum number of days allowed between password changes. Any password changes attempted sooner than this will be  
The number of days warning given before a password expires. A zero means warning is given only upon the day of  
Shadow password suite configuration.  
can't update password file  
[root@78e8b6979d0f ~]#
```

Additional Challenge:

use the diff command on /var/log/anaconda/syslog and ~/mydir/securecopy.txt file and
save the output as screen shot :

After we use the command “ diff /var/log/anaconda/syslog ~/mydir/securecopy.txt “

```
@78e8b6979d0f:~  
> 14:17:47,015 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:anaconda.threading:Running Thread: AnaTaskThread-SetTurki Passwo  
rdTask-1 (140642717091584)  
> 14:17:47,016 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:anaconda.core.users:user account Turki locked  
> 14:17:47,016 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:program:Running... chpasswd -R /mnt/sysTurki -e  
> 14:17:47,279 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:program:Running... chage -R /mnt/sysTurki -d Turki  
3939c3939  
< 14:17:47,294 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:anaconda.threading:Thread Done: AnaTaskThread-SetRootPasswordTas  
k-1 (140642717091584)  
---  
> 14:17:47,294 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:anaconda.threading:Thread Done: AnaTaskThread-SetTurki PasswordT  
ask-1 (140642717091584)  
3942, 3944c3942, 3944  
< 14:17:48,035 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:anaconda.threading:Running Thread: AnaTaskThread-ConfigureRootPa  
sswordSSHLoginTask-1 (140642717091584)  
< 14:17:48,035 WARNING org.fedoraproject.Anaconda.Modules.Users:DEBUG:anaconda.modules.users.installation:Adding an override allowing  
root login with password via SSH.  
< 14:17:48,036 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:anaconda.threading:Thread Done: AnaTaskThread-ConfigureRootPassw  
ordSSHLoginTask-1 (140642717091584)  
---  
> 14:17:48,035 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:anaconda.threading:Running Thread: AnaTaskThread-ConfigureTurki  
PasswordSSHLoginTask-1 (140642717091584)  
> 14:17:48,035 WARNING org.fedoraproject.Anaconda.Modules.Users:DEBUG:anaconda.modules.users.installation:Adding an override allowing  
Turki login with password via SSH.  
> 14:17:48,036 WARNING org.fedoraproject.Anaconda.Modules.Users:INFO:anaconda.threading:Thread Done: AnaTaskThread-ConfigureTurki Pas  
swordSSHLoginTask-1 (140642717091584)  
3971c3971  
< 14:17:48,062 WARNING org.fedoraproject.Anaconda.Modules.Network:DEBUG:anaconda.modules.network.network:/mnt/sysroot/etc/sysconfig/n  
etwork-scripts/ifcfg-ens3:  
---  
> 14:17:48,062 WARNING org.fedoraproject.Anaconda.Modules.Network:DEBUG:anaconda.modules.network.network:/mnt/sysTurki /etc/sysconfig  
/network-scripts/ifcfg-ens3:  
[root@78e8b6979d0f ~]#
```