Lab4

Task1: cksum securecopy.txt Before

```
[root@150fafecc8a3 /]# cksum root/mydir/securecopy.txt
4062883009 488339 root/mydir/securecopy.txt
```

Task2: Replace all "root" keywords with "Atheer"

```
4:16:33,630 INFO kernel:pci_bus 0000:00: Atheer bus resource [io  0x0000-0x0cf7 window]
4:16:33,630 INFO kernel:pci_bus 0000:00: Atheer bus resource [io  0x0d00-0xffff window]
4:16:33,630 INFO kernel:pci_bus 0000:00: Atheer bus resource [mem 0x000a0000-0x000bffff window]
4:16:33,630 INFO kernel:pci_bus 0000:00: atheer bus resource [mem 0xc0000000-0xfebfffff window]
4:16:33,630 INFO kernel:pci_bus 0000:00: Atheer bus resource [bus 00-ff]
```

Task3: cksum securecopy.txt After, the hash code is different because change word root to Atheer and any change in the file the hash code will be change direct

```
[root@150fafecc8a3 /]# cksum root/mydir/securecopy.txt
2766876939 488142 root/mydir/securecopy.txt
```

Task4: find atheerahmed.txt in environment

```
[root@150fafecc8a3 /]# find . -iname atheerahmed.txt
./root/mydir/mydir2/atheerahmed.txt
[root@150fafecc8a3 /]#
```

Task5 :Use man page with the "useradd" command save the output in "useradd-man.txt" ,use grep the word "password" from the "useradd-man.txt"

```
C:\Users\spain> docker start -ai tuwaiq-centos
[root@150fafecc8a3 /]# man useradd > useradd-man.txt
[root@150fafecc8a3 /]# 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
     -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
        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.
        /etc/group (with 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
        The minimum number of days allowed between password changes. Any password changes attempted sooner than
        The number of days warning given before a password expires. A zero means warning is given only upon the
        Shadow password suite configuration.
        can't update password file
[root@150fafecc8a3 /]#
```

Additional Challenge:

```
[root@150fafecc8a3 /]# diff  /var/log/anaconda/syslog ~/mydir/securecopy.txt
0a1
>
208c209
< 14:16:33,624 INFO kernel:ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
---
> 14:16:33,624 INFO kernel:ACPI: PCI Atheer Bridge [PCI0] (domain 0000 [bus 00-ff])
241,245c242,246
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [io  0x0000-0x0cf7 window]
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [io  0x0d00-0xffff window]
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000bffff window]
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [mem 0xc0000000-0xfebfffff window]
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [bus 00-ff]
---
> 14:16:33,630 INFO kernel:pci_bus 0000:00: Atheer bus resource [io  0x0000-0x0cf7 window]
> 14:16:33,630 INFO kernel:pci_bus 0000:00: Atheer bus resource [io  0x0d00-0xffff window]
> 14:16:33,630 INFO kernel:pci_bus 0000:00: Atheer bus resource [mem 0x000a0000-0x000bffff window]
> 14:16:33,630 INFO kernel:pci_bus 0000:00: atheer bus resource [mem 0xc0000000-0xfebfffff window]
> 14:16:33,630 INFO kernel:pci_bus 0000:00: Atheer bus resource [bus 00-ff]
448c449
< 14:16:33,659 INFO systemd:Reached target Initrd Root Device.
---
> 14:16:33,659 INFO systemd:Reached target Initrd Atheer Device.519c520
< 14:16:38,726 WARNING rpc.statd:Running as root.  chown /var/lib/nfs/statd to choose different user
---
> 14:16:38,726 WARNING rpc.statd:Running as Atheer.  chown /var/lib/nfs/statd to choose different user
584c585
< 14:16:39,385 INFO NetworkManager:<info>  [1631715399.3855] auth[0x557aa18666a0]: create auth-manager: D-Bus connection not availabl
e. Polkit is disabled and only root will be authorized.
---
```