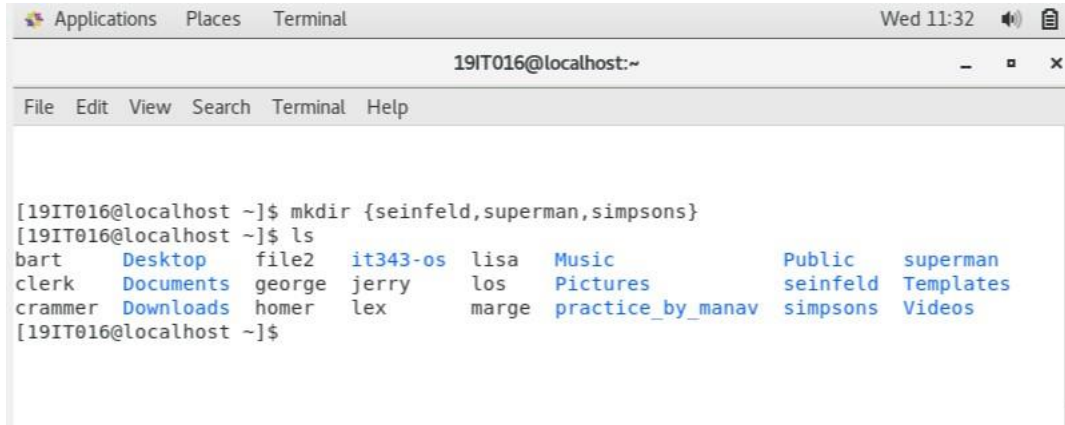## PRACTICAL-2

1)• Change your password

2)• Create 10 files under your home directory (File names = jerry, kramer, george, lex, clark, lois, homer, bart, lisa, and marge)

3)• Create 3 directories under your home directory (Dir name = seinfeld, superman and simpsons)

```
Applications   Places   Terminal                                    Wed 11:32  ◀)) 📋

                              19IT016@localhost:~                          _   □   ✕

File  Edit  View  Search  Terminal  Help


[19IT016@localhost ~]$ mkdir {seinfeld,superman,simpsons}
[19IT016@localhost ~]$ ls
bart      Desktop     file2    it343-os  lisa    Music              Public     superman
clerk     Documents   george   jerry     los     Pictures           seinfeld   Templates
crammer   Downloads   homer    lex       marge   practice_by_manav  simpsons   Videos
[19IT016@localhost ~]$
```
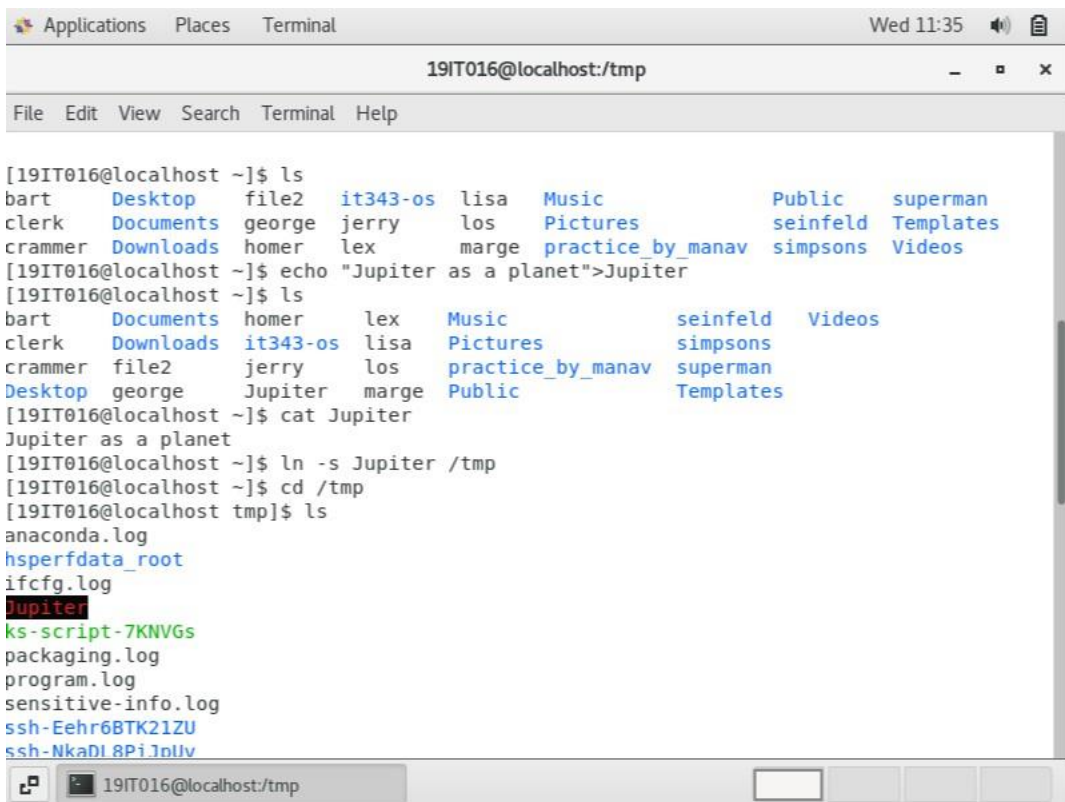
4)• Create a new file jupiter and write to it as "Jupiter is a planet". Then create a soft link in /tmp directory
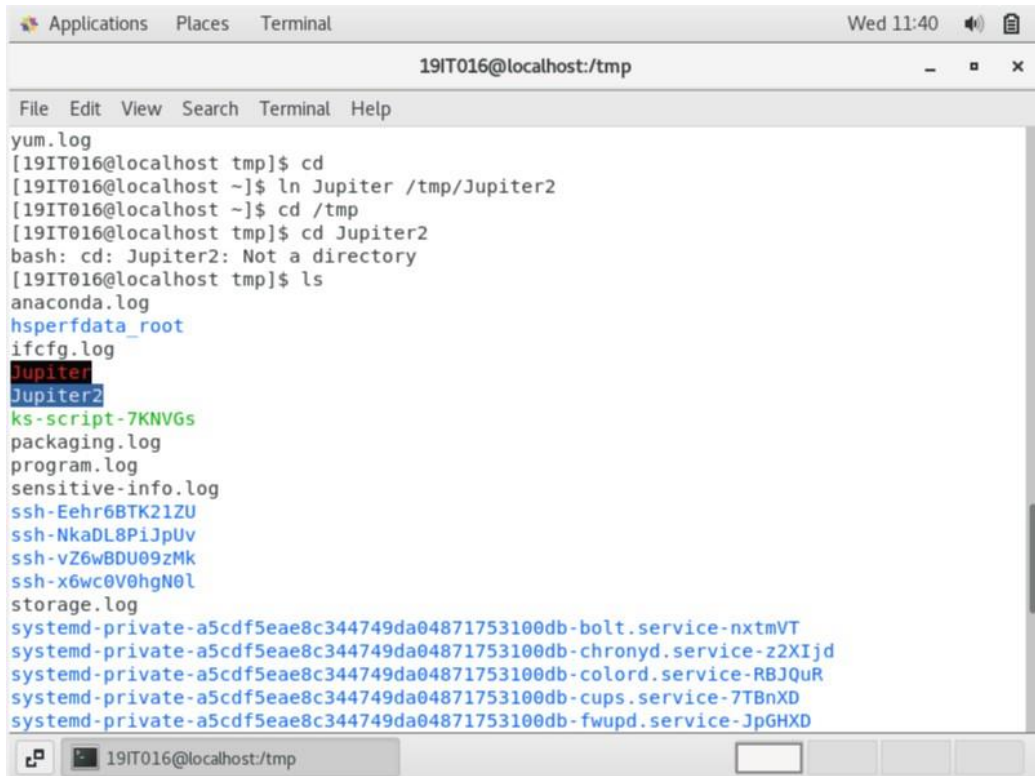
```
Applications   Places   Terminal                                    Wed 11:35  ◀)) 📋

                              19IT016@localhost:/tmp                       _   □   ✕

File  Edit  View  Search  Terminal  Help

[19IT016@localhost ~]$ ls
bart      Desktop     file2    it343-os  lisa    Music              Public     superman
clerk     Documents   george   jerry     los     Pictures           seinfeld   Templates
crammer   Downloads   homer    lex       marge   practice_by_manav  simpsons   Videos
[19IT016@localhost ~]$ echo "Jupiter as a planet">Jupiter
[19IT016@localhost ~]$ ls
bart      Documents   homer    lex     Music              seinfeld   Videos
clerk     Downloads   it343-os lisa    Pictures           simpsons
crammer   file2       jerry    los     practice_by_manav  superman
Desktop   george      Jupiter  marge   Public             Templates
[19IT016@localhost ~]$ cat Jupiter
Jupiter as a planet
[19IT016@localhost ~]$ ln -s Jupiter /tmp
[19IT016@localhost ~]$ cd /tmp
[19IT016@localhost tmp]$ ls
anaconda.log
hsperfdata_root
ifcfg.log
Jupiter
ks-script-7KNVGs
packaging.log
program.log
sensitive-info.log
ssh-Eehr6BTK21ZU
ssh-NkaDL8PiJpUv
```

```
⌂  ▣  19IT016@localhost:/tmp
```

5)• Also create a hard link of jupiter in /tmp directory

```
                   Applications   Places   Terminal                           Wed 11:40

                                   19IT016@localhost:/tmp                          _   □   ✕

   File  Edit  View  Search  Terminal  Help
   yum.log
   [19IT016@localhost tmp]$ cd
   [19IT016@localhost ~]$ ln Jupiter /tmp/Jupiter2
   [19IT016@localhost ~]$ cd /tmp
   [19IT016@localhost tmp]$ cd Jupiter2
   bash: cd: Jupiter2: Not a directory
   [19IT016@localhost tmp]$ ls
   anaconda.log
   hsperfdata_root
   ifcfg.log
   Jupiter
   Jupiter2
   ks-script-7KNVGs
   packaging.log
   program.log
   sensitive-info.log
   ssh-Eehr6BTK21ZU
   ssh-NkaDL8PiJpUv
   ssh-vZ6wBDU09zMk
   ssh-x6wc0V0hgN0l
   storage.log
   systemd-private-a5cdf5eae8c344749da04871753100db-bolt.service-nxtmVT
   systemd-private-a5cdf5eae8c344749da04871753100db-chronyd.service-z2XIjd
   systemd-private-a5cdf5eae8c344749da04871753100db-colord.service-RBJQuR
   systemd-private-a5cdf5eae8c344749da04871753100db-cups.service-7TBnXD
   systemd-private-a5cdf5eae8c344749da04871753100db-fwupd.service-JpGHXD

       ⊡    🖥 19IT016@localhost:/tmp
```
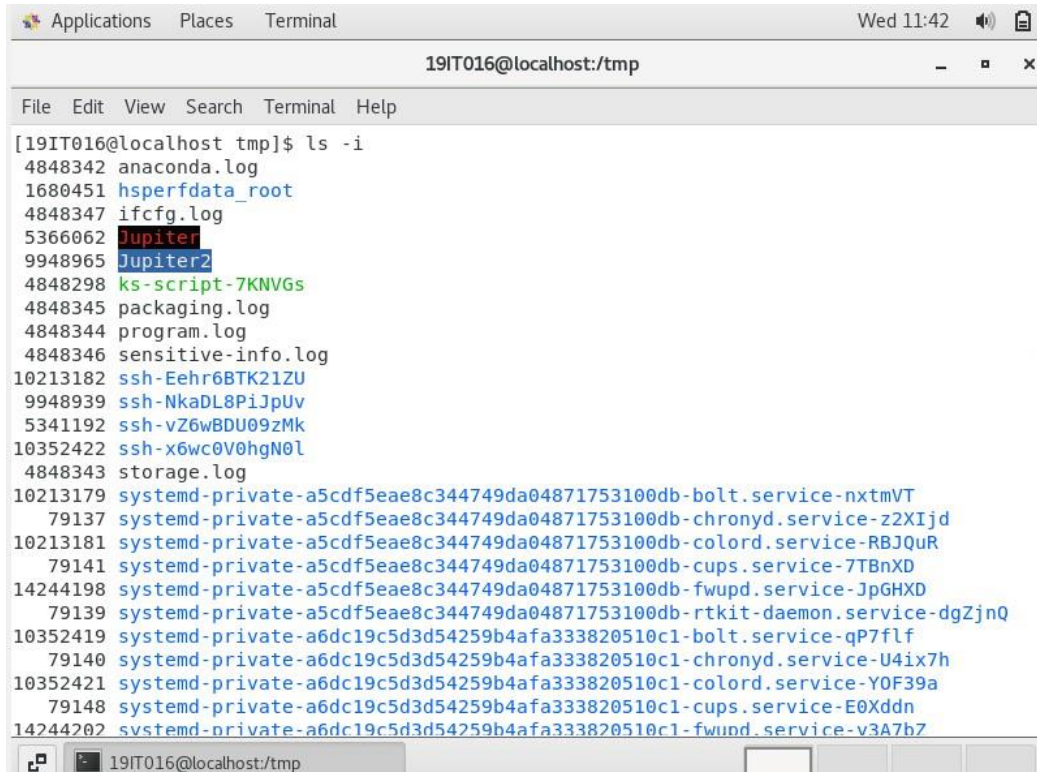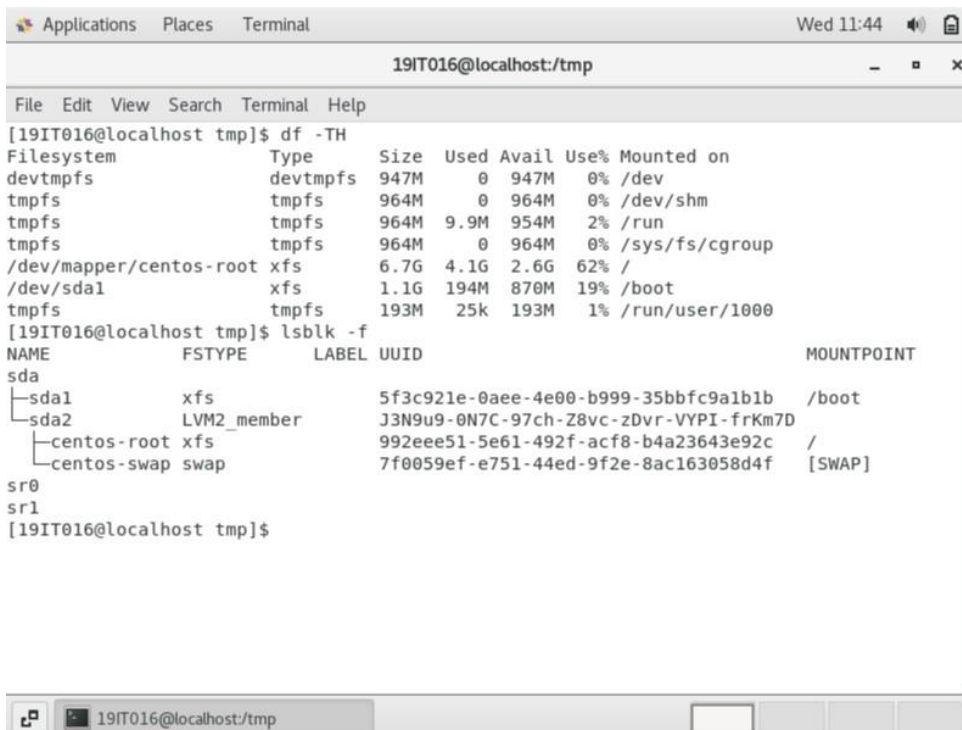
6)• Check the inodes of both links

7)• Commands to determine the file system type in Linux OS