

# ASSIGNMENT 1

## Solutions:

```
Activities Terminal Mar 10 23:38 dbda@dbda-VirtualBox: ~  
dbda@dbda-VirtualBox:~$ touch songs{1..6}.mp3  
dbda@dbda-VirtualBox:~$ touch snap{1..6}.jpg  
dbda@dbda-VirtualBox:~$ touch film{1..6}.avi  
dbda@dbda-VirtualBox:~$ ls  
Desktop  film1.avi  film4.avi  Music      snap1.jpg  snap4.jpg  songs1.mp3  songs4.mp3  Templates  
Documents  film2.avi  film5.avi  Pictures  snap2.jpg  snap5.jpg  songs2.mp3  songs5.mp3  Videos  
Downloads  film3.avi  film6.avi  Public    snap3.jpg  snap6.jpg  songs3.mp3  songs6.mp3  
dbda@dbda-VirtualBox:~$
```

```
Activities Terminal Mar 10 23:42 dbda@dbda-VirtualBox: ~/Videos  
dbda@dbda-VirtualBox:~/Videos$ mv *.mp3 Music  
dbda@dbda-VirtualBox:~/Videos$ mv *.jpg Pictures  
dbda@dbda-VirtualBox:~/Videos$ mv *.avi Videos  
dbda@dbda-VirtualBox:~/Videos$ ls  
Desktop Documents Downloads Music Pictures Public Templates Videos  
dbda@dbda-VirtualBox:~/Videos$ cd Music  
dbda@dbda-VirtualBox:~/Music$ ls  
songs1.mp3 songs2.mp3 songs3.mp3 songs4.mp3 songs5.mp3 songs6.mp3  
dbda@dbda-VirtualBox:~/Music$ cd Pictures  
bash: cd: Pictures: No such file or directory  
dbda@dbda-VirtualBox:~/Music$ cd  
dbda@dbda-VirtualBox:~$ cd Pictures  
dbda@dbda-VirtualBox:~/Pictures$ ls  
Screenshots snap1.jpg snap2.jpg snap3.jpg snap4.jpg snap5.jpg snap6.jpg  
dbda@dbda-VirtualBox:~/Pictures$ cd  
dbda@dbda-VirtualBox:~$ cd Videos  
dbda@dbda-VirtualBox:~/Videos$ ls  
film1.avi film2.avi film3.avi film4.avi film5.avi film6.avi  
dbda@dbda-VirtualBox:~/Videos$
```

```
Activities Terminal Mar 10 23:52
dbda@dbda-VirtualBox: ~
dbda@dbda-VirtualBox:~$ mkdir friends family work
dbda@dbda-VirtualBox:~$ ls
Desktop Documents Downloads family friends Music Pictures Public Templates Videos work
dbda@dbda-VirtualBox:~$
```

```
Activities Terminal Mar 11 00:05
dbda@dbda-VirtualBox: ~/friends
dbda@dbda-VirtualBox:~$ cp Music/songs{3..4}.mp3 family
dbda@dbda-VirtualBox:~$ ls
Desktop Documents Downloads family friends Music Pictures Public Templates Videos work
dbda@dbda-VirtualBox:~$ cd family
dbda@dbda-VirtualBox:~/family$ ls
songs3.mp3 songs4.mp3
dbda@dbda-VirtualBox:~/family$ cp Pictures/snap{3..4}.jpg family
cp: target 'family' is not a directory
dbda@dbda-VirtualBox:~/family$ cd ..
dbda@dbda-VirtualBox:~$ cp Pictures/snap{3..4}.jpg family
dbda@dbda-VirtualBox:~$ cp Videos/film{3..4}.avi family
dbda@dbda-VirtualBox:~$ cd family
dbda@dbda-VirtualBox:~/family$ ls
film3.avi film4.avi snap3.jpg snap4.jpg songs3.mp3 songs4.mp3
dbda@dbda-VirtualBox:~/family$ cd ..
dbda@dbda-VirtualBox:~$ cp Music/songs{5..6}.mp3 work
dbda@dbda-VirtualBox:~$ cp Pictures/snap{5..6}.jpg work
dbda@dbda-VirtualBox:~$ cp Videos/film{5..6}.avi work
dbda@dbda-VirtualBox:~$ cd work
dbda@dbda-VirtualBox:~/work$ ls
film5.avi film6.avi snap5.jpg snap6.jpg songs5.mp3 songs6.mp3
dbda@dbda-VirtualBox:~/work$ cd ..
dbda@dbda-VirtualBox:~$ cd friends
dbda@dbda-VirtualBox:~/friends$ ls
film1.avi film2.avi snap1.jpg snap2.jpg songs1.mp3 songs2.mp3
dbda@dbda-VirtualBox:~/friends$
```

```
Activities Terminal Mar 11 00:06
dbda@dbda-VirtualBox: ~/family
dbda@dbda-VirtualBox:~$ cd family
dbda@dbda-VirtualBox:~/family$ ls
film3.avi film4.avi snap3.jpg snap4.jpg songs3.mp3 songs4.mp3
dbda@dbda-VirtualBox:~/family$ rm *
dbda@dbda-VirtualBox:~/family$ ls
dbda@dbda-VirtualBox:~/family$
```

```
Activities Terminal Mar 11 00:07
dbda@dbda-VirtualBox: ~
dbda@dbda-VirtualBox:~$ rm -r friends
dbda@dbda-VirtualBox:~$ ls
Desktop Documents Downloads family Music Pictures Public Templates Videos work
dbda@dbda-VirtualBox:~$
```

```
Activities Terminal Mar 11 00:14
dbda@dbda-VirtualBox: ~
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
kernoops:x:113:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin
avahi:x:114:121:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin
cups-pk-helper:x:115:122:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/nologin
rtkit:x:116:123:RealtimeKit,,,:/proc:/usr/sbin/nologin
whoopsie:x:117:124:/:nonexistent:/bin/false
sssd:x:118:125:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin
speech-dispatcher:x:119:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
fwupd-refresh:x:120:126:fwupd-refresh user,,,:/run/systemd:/usr/sbin/nologin
nm-openvpn:x:121:127:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
saned:x:122:129:/:/var/lib/saned:/usr/sbin/nologin
colord:x:123:130:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
geoclue:x:124:131:/:/var/lib/geoclue:/usr/sbin/nologin
pulse:x:125:132:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:126:65534:/:/run/gnome-initial-setup:/bin/false
hplip:x:127:7:HPLIP system user,,,:/run/hplip:/bin/false
gdm:x:128:134:Gnome Display Manager:/var/lib/gdm3:/bin/false
dbda:x:1000:1000:dbda,,,:/home/dbda:/bin/bash
tom:x:1001:1001:,,,:/home/tom:/bin/bash
bob:x:1002:1002:,,,:/home/bob:/bin/bash
sam:x:1003:1003:,,,:/home/sam:/bin/bash
prince:x:1004:1004:,,,:/home/prince:/bin/bash
dbda@dbda-VirtualBox:~$
```

```
Activities Terminal Mar 11 00:15
dbda@dbda-VirtualBox: ~
avahi:x:121:
lpadmin:x:122:dbda
rtkit:x:123:
whoopsie:x:124:
sssd:x:125:
fwupd-refresh:x:126:
nm-openvpn:x:127:
scanner:x:128:saned
saned:x:129:
colord:x:130:
geoclue:x:131:
pulse:x:132:
pulse-access:x:133:
gdm:x:134:
lxd:x:135:dbda
dbda:x:1000:
smbshare:x:136:dbda
tom:x:1001:
bob:x:1002:
sam:x:1003:
prince:x:1004:
dac:x:1005:
ditiss:x:1006:
dbda@dbda-VirtualBox:~$
```

```
Activities Terminal Mar 11 00:41
prince@dbda-VirtualBox: /tmp/iacsd
dbda@dbda-VirtualBox:~$ su prince
Password:
su: Authentication failure
dbda@dbda-VirtualBox:~$ su prince
Password:
prince@dbda-VirtualBox:/home/dbda$ ls
ls: cannot open directory '.': Permission denied
prince@dbda-VirtualBox:/home/dbda$ cd ..
prince@dbda-VirtualBox:/home$ ls
bob dbda prince sam tom
prince@dbda-VirtualBox:/home$ cd ..
prince@dbda-VirtualBox:/tmp/iacsd$ ls
bin cdrom etc lib lib64 lost+found mnt proc run snap swapfile tmp var
boot dev home lib32 libx32 media opt root sbin srv sys usr
prince@dbda-VirtualBox:/tmp/iacsd$ mkdir tmp/iacsd
prince@dbda-VirtualBox:/tmp/iacsd$ touch tmp/iacsd/project-{1..4}
prince@dbda-VirtualBox:/tmp/iacsd$ ls
bin cdrom etc lib lib64 lost+found mnt proc run snap swapfile tmp var
boot dev home lib32 libx32 media opt root sbin srv sys usr
prince@dbda-VirtualBox:/tmp/iacsd$ cd tmp/iacsd
prince@dbda-VirtualBox:/tmp/iacsd$ ls
project-1 project-2 project-3 project-4
prince@dbda-VirtualBox:/tmp/iacsd$
```