

Create six files with name of the form songX.mp3

```
(raman@kali)-[~]  
$ touch song1.mp3 song2.mp3 song3.mp3 song4.mp3 song5.mp3 song6.mp3 song7.mp3
```

Create six files with name of the form pic.mp3

```
(raman@kali)-[~]  
$ touch pic1.jpg pic2.jpg pic3.jpg pic4.jpg pic5.jpg pic6.pg pic7.jpg
```

Create six files with name of the form filmX.mp3

```
(raman@kali)-[~]  
$ touch mov1.mp4 mov2.mp4 mov3.mp4 mov4.mp4 mov5.mp4 mov6.mp4 mov7.mp4
```

From your home directory, move the song files into your music subdirectory, the snapshot files into your pictures subdirectory, and the movie files into videos subdirectory.

```
(raman@kali)-[~]  
$ mv *.mp3 ./Music/  
  
(raman@kali)-[~]  
$ mv *.jpg ./Pctures/  
mv: target './Pctures/' is not a directory  
  
(raman@kali)-[~]  
$ mv *.jpg ./Pictures/  
  
(raman@kali)-[~]
```

In your home directory, create three subdirectories for organizing your files. Call these directories friends, family, and work. Create all three with one command

```
(raman@kali)-[~]  
$ mkdir -p {friends,family,work}
```

Copy song files to the friends folder and snap files to family folder.

```
(raman@kali)-[~/friends]  
$ cp /home/raman/Music pic1.jpg pic2.jpg pic3.jpg pic4.jpg pic5.jpg pic6.pg pic7.jpg /home/raman/family/
```

Attempt to delete both family and friends projects with a single rmdir command.

```
(raman@kali)-[~]  
$ rmdir {friends,family}
```

Use another command that will succeed in deleting both the family and friends folder.

```
(raman@kali)-[~]  
$ rmdir {friends,family}
```

Redirect a long listing of all home directory files, including hidden, into a file named allfiles.txt. Confirm that the file contains the listing.

```
(raman@kali)-[~]  
$ ls -a > allfiles.txt
```

In the command window, display today's date with day of the week, month, date and year

```
(raman@kali)-[~]  
$ date  
Tuesday 17 August 2021 08:13:43 PM IST
```

Add the user vaishak

```
(raman@kali)-[~]  
$ sudo useradd vaishak  
[sudo] password for raman:
```

Confirm that Juliet has been added by examining the /etc/passwd file

```
(raman@kali)-[~]  
$ cat /etc/passwd | grep vaishak  
vaishak:x:1001:1002::/home/vaishak:/bin/sh
```

Use the passwd command to initialize vaishak password

```
(raman@kali)-[~]  
$ sudo passwd vaishak  
[sudo] password for raman:  
New password:  
Retype new password:  
passwd: password updated successfully
```

Create a supplementary group called johny with a group id of 30000

```
(raman@kali)-[~]  
$ sudo groupadd -g 30000 johny
```

Create a supplementary group called artists

```
(raman@kali)-[~]  
$ sudo groupadd singer
```

Confirm that johny and singer have been added by examining the /etc/group file.

```
(raman@kali)-[~]  
$ id vaishak  
uid=1001(vaishak) gid=1002(vaishak) groups=1002(vaishak),30000(johny)
```

Add arun and babu to the johny group.

```
(raman@kali)-[~]
$ sudo useradd arun

(raman@kali)-[~]
$ sudo useradd kannan

(raman@kali)-[~]
$ sudo useradd babu
```

Add kannan, Dolly and elvis to the singer group

```
(raman@kali)-[~]
$ sudo useradd dolly

(raman@kali)-[~]
$ sudo useradd elvis

(raman@kali)-[~]
$ sudo useradd elvis
```

Verify the supplemental group memberships by examining the /etc/group file.

```
Debian-snmp:x:127:
ssllh:x:128:
nm-openvpn:x:129:
nm-openconnect:x:130:
pulse:x:131:
pulse-access:x:132:
scanner:x:133:saned,raman
saned:x:134:
smbashare:x:135:
inetsim:x:136:
colord:x:137:
geoclue:x:138:
lightdm:x:139:
kpadmins:x:140:
raman:x:1000:
vboxsf:x:141:
kaboxer:x:142:raman,root
systemd-coredump:x:999:
newusergrp:x:1001:
vaishak:x:1002:
johnny:x:30000:vaishak
singer:x:30001:
sujith:x:30002:
arun:x:1003:
kannan:x:1004:
babu:x:1005:
```

Attempt to remove user Dolly.

```
(raman@kali)-[~]
$ sudo userdel Dolly
```