**Assignment 1:OS**

1. In your home directory, create sets of empty practice files

In each set, replace X with the numbers 1 through 6.

1. Create 6 files with names of the forms on songsX.mp3.

[user1@localhost ~]$ touch songs{1..6}.mp3

[user1@localhost ~]$ ls

Desktop Downloads Pictures songs1.mp3 songs3.mp3 songs5.mp3 Templates

Documents Music Public songs2.mp3 songs4.mp3 songs6.mp3 Videos

1. Create 6 files with names of the form snapX.jpg.

[user1@localhost ~]$ ls

Desktop Downloads Pictures songs1.mp3 songs3.mp3 songs5.mp3 Templates

Documents Music Public songs2.mp3 songs4.mp3 songs6.mp3 Videos

[user1@localhost ~]$ touch snap{1..6}.jpg

[user1@localhost ~]$ ls

Desktop Downloads Pictures snap1.jpg snap3.jpg snap5.jpg songs1.mp3 songs3.mp3 songs5.mp3 Templates

Documents Music Public snap2.jpg snap4.jpg snap6.jpg songs2.mp3 songs4.mp3 songs6.mp3 Videos

c) Create 6 files with names of the form filmX.avi.

[user1@localhost ~]$ ls

Desktop Downloads Pictures songs1.mp3 songs3.mp3 songs5.mp3 Templates

Documents Music Public songs2.mp3 songs4.mp3 songs6.mp3 Videos

[user1@localhost ~]$ touch snap{1..6}.jpg

[user1@localhost ~]$ ls

Desktop Downloads Pictures snap1.jpg snap3.jpg snap5.jpg songs1.mp3 songs3.mp3 songs5.mp3 Templates

Documents Music Public snap2.jpg snap4.jpg snap6.jpg songs2.mp3 songs4.mp3 songs6.mp3 Videos

[user1@localhost ~]$ touch film{1..6}.avi

[user1@localhost ~]$ 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

[user1@localhost ~]$

2. From your home directory,

a.Move songs file into your Music subdirectory.

[user1@localhost ~]$ 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

[user1@localhost ~]$ mv songs{1..6}.mp3 /home/user1/Music

[user1@localhost ~]$ ls

Desktop Downloads film2.avi film4.avi film6.avi Pictures snap1.jpg snap3.jpg snap5.jpg Templates

Documents film1.avi film3.avi film5.avi Music Public snap2.jpg snap4.jpg snap6.jpg Videos

[user1@localhost ~]$ cd Music/

[user1@localhost Music]$ ls

songs1.mp3 songs2.mp3 songs3.mp3 songs4.mp3 songs5.mp3 songs6.mp3

[user1@localhost Music]$

b.Move snap file into your Pictures subdirectory.

[user1@localhost Music]$ cd ~/

[user1@localhost ~]$ ls

Desktop Downloads film2.avi film4.avi film6.avi Pictures snap1.jpg snap3.jpg snap5.jpg Templates

Documents film1.avi film3.avi film5.avi Music Public snap2.jpg snap4.jpg snap6.jpg Videos

[user1@localhost ~]$ mv snap{1..6}.jpg /home/user1/Pictures

[user1@localhost ~]$ cd Pictures/

[user1@localhost Pictures]$ ls

snap1.jpg snap2.jpg snap3.jpg snap4.jpg snap5.jpg snap6.jpg

[user1@localhost Pictures]$

c. Move your movie files into Videos subdirectory

[user1@localhost Pictures]$ cd ~/

[user1@localhost ~]$ ls

Desktop Documents Downloads film1.avi film2.avi film3.avi film4.avi film5.avi film6.avi Music Pictures Public Templates Videos

[user1@localhost ~]$ mv film{1..6}.avi /home/user1/Videos

[user1@localhost ~]$ ls

Desktop Documents Downloads Music Pictures Public Templates Videos

[user1@localhost ~]$ cd Videos/

[user1@localhost Videos]$ ls

film1.avi film2.avi film3.avi film4.avi film5.avi film6.avi

[user1@localhost Videos]$

3. Create 3 subdirectories for organizing your files named friends,family,work:

[user1@localhost Videos]$ cd ~/

[user1@localhost ~]$ ls

Desktop Documents Downloads Music Pictures Public Templates Videos

[user1@localhost ~]$ mkdir friends family work

[user1@localhost ~]$ ls

Desktop Documents Downloads family friends Music Pictures Public Templates Videos work

[user1@localhost ~]$

4.

a) Copy files (all types ) containing numbers 1 and 2 to the friends folder.

[user1@localhost ~]$ ls

Desktop Documents Downloads family friends Music Pictures Public Templates Videos work

[user1@localhost ~]$ cd Pictures/

[user1@localhost Pictures]$ ls

snap1.jpg snap2.jpg snap3.jpg snap4.jpg snap5.jpg snap6.jpg

[user1@localhost Pictures]$ cp snap{1..2}.jpg /home/user1/friends

[user1@localhost Pictures]$ cd

[user1@localhost ~]$ ls

Desktop Documents Downloads family friends Music Pictures Public Templates Videos work

[user1@localhost ~]$ cd Videos/

[user1@localhost Videos]$ ls

film1.avi film2.avi film3.avi film4.avi film5.avi film6.avi

[user1@localhost Videos]$ cp film{1..2}.avi /home/user1/friends

[user1@localhost Videos]$ cd

[user1@localhost ~]$ cd Music/

[user1@localhost Music]$ ls

songs1.mp3 songs2.mp3 songs3.mp3 songs4.mp3 songs5.mp3 songs6.mp3

[user1@localhost Music]$ cp songs{1..2}.mp3 /home/user1/friends

[user1@localhost Music]$ cd

[user1@localhost ~]$ cd friends/

[user1@localhost friends]$ ls

film1.avi film2.avi snap1.jpg snap2.jpg songs1.mp3 songs2.mp3

[user1@localhost friends]$

b)Copy files (all types) containing numbers 3 and 4 to the family folder.

[user1@localhost friends]$ cd ~/

[user1@localhost ~]$ ls

Desktop Documents Downloads family friends Music Pictures Public Templates Videos work

[user1@localhost ~]$ cd Music/

[user1@localhost Music]$ ls

songs1.mp3 songs2.mp3 songs3.mp3 songs4.mp3 songs5.mp3 songs6.mp3

[user1@localhost Music]$ cp songs{3..4}.mp3 /home/user1/family

[user1@localhost Music]$ cd

[user1@localhost ~]$ cd Pictures/

[user1@localhost Pictures]$ ls

snap1.jpg snap2.jpg snap3.jpg snap4.jpg snap5.jpg snap6.jpg

[user1@localhost Pictures]$ cp snap{3..4}.jpg /home/user1/family

[user1@localhost Pictures]$ cd

[user1@localhost ~]$ cd Videos/

[user1@localhost Videos]$ ls

film1.avi film2.avi film3.avi film4.avi film5.avi film6.avi

[user1@localhost Videos]$ cp film{3..4}.avi /home/user1/family

[user1@localhost Videos]$ cd

[user1@localhost ~]$ cd family/

[user1@localhost family]$ ls

film3.avi film4.avi snap3.jpg snap4.jpg songs3.mp3 songs4.mp3

[user1@localhost family]$

c)Copy files (all types) containing numbers 5 and 6 to the work folder:

[user1@localhost family]$ cd ~/

[user1@localhost ~]$ ls

Desktop Documents Downloads family friends Music Pictures Public Templates Videos work

[user1@localhost ~]$ cd Videos/

[user1@localhost Videos]$ ls

film1.avi film2.avi film3.avi film4.avi film5.avi film6.avi

[user1@localhost Videos]$ cp film{5..6}.avi /home/user1/work

[user1@localhost Videos]$ cd

[user1@localhost ~]$ cd Pictures/

[user1@localhost Pictures]$ ls

snap1.jpg snap2.jpg snap3.jpg snap4.jpg snap5.jpg snap6.jpg

[user1@localhost Pictures]$ cp snap{5..6}.jpg /home/user1/work

[user1@localhost Pictures]$ cd

[user1@localhost ~]$ cd Music/

[user1@localhost Music]$ ls

songs1.mp3 songs2.mp3 songs3.mp3 songs4.mp3 songs5.mp3 songs6.mp3

[user1@localhost Music]$ cp songs{5..6},mp3 /home/user1/work

cp: cannot stat ‘songs5,mp3’: No such file or directory

cp: cannot stat ‘songs6,mp3’: No such file or directory

[user1@localhost Music]$ cp songs{5..6}.mp3 /home/user1/work

[user1@localhost Music]$ cd

[user1@localhost ~]$ cd work/

[user1@localhost work]$ ls

film5.avi film6.avi snap5.jpg snap6.jpg songs5.mp3 songs6.mp3

[user1@localhost work]$

5. Delete all files in family subdirectory:

[user1@localhost ~]$ ls

Desktop Documents Downloads family friends Music Pictures Public Templates Videos work

[user1@localhost ~]$ cd family/

[user1@localhost family]$ ls

film3.avi film4.avi snap3.jpg snap4.jpg songs3.mp3 songs4.mp3

[user1@localhost family]$ rm film\* snap\* songs\*

[user1@localhost family]$ ls

[user1@localhost family]$

6. Delete friends subdirectory:

[user1@localhost family]$ cd ~/

[user1@localhost ~]$ ls

Desktop Documents Downloads family friends Music Pictures Public Templates Videos work

[user1@localhost ~]$ rm -r friends

[user1@localhost ~]$ cd

[user1@localhost ~]$ ls

Desktop Documents Downloads family Music Pictures Public Templates Videos work

[user1@localhost ~]$

7. Rename all snap files in work directory to new name photoX.jpg

X is a number

[user1@localhost ~]$ ls

Desktop Documents Downloads family Music Pictures Public Templates Videos work

[user1@localhost ~]$ cd work/

[user1@localhost work]$ ls

film5.avi film6.avi snap5.jpg snap6.jpg songs5.mp3 songs6.mp3

[user1@localhost work]$ mv snap5.jpg photo5.jpg

[user1@localhost work]$ mv snap6.jpg photo6.jpg

[user1@localhost work]$ ls

film5.avi film6.avi photo5.jpg photo6.jpg songs5.mp3 songs6.mp3

[user1@localhost work]$