copy: copying the source file which is in / to destination path with different file name

format: cp <source file> <destination path/newfile>

option3: copy the file er.txt which is in / path to /tmp path as sunand.txt

[root@praveen /]# pwd

/

[root@praveen /]# cat > er.txt

10

20

30

[root@praveen /]# cat er.txt

10

20

30

[root@praveen /]# cp er.txt /tmp/sunad.txt

[root@praveen /]# cd /tmp

ls -ltr

-rw-r--r--. 1 root root 9 Feb 2 00:26 sunad.txt

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mv command

option1: Renaming file

format: mv <sourcefilename> <newfilename>

[root@praveen tmp]# ls -ltr

total 452

-rw-r--r--. 1 root team 23564 Feb 2 00:36 yu.txt

Now i would like to rename the file yu.txt to sampath.txt

[root@praveen tmp]# mv yu.txt sampath.txt

After this command yu.txt wont be exists since we renamed the file yu.txt to sampath.txt

[root@praveen tmp]# ls -ltr

total 452

-rw-r--r--. 1 root team 23626 Feb 2 00:37 sampath.txt

Option2: Moving the file from one location to anothe location

format:

mv <sourcefile> <destination path>

-rw-r--r--. 1 root root 248 Feb 2 00:41 yu.txt

here we would like to move the file yu.txt which is /tmp to /var location

[root@praveen tmp]# pwd

/tmp

[root@praveen tmp]# mv yu.txt /var

[root@praveen tmp]# cd /var/

[root@praveen var]# ls -ltr

-rw-r--r--. 1 root root 248 Feb 2 00:41 yu.txt ====> we can see file has been moved to /var location

Copying the directory

drwxr-xr-x. 7 root root 4096 Feb 2 00:49 feb2

-rw-r--r--. 1 root root 496 Feb 2 00:51 yu.txt

[root@praveen tmp]# pwd

/tmp

[root@praveen tmp]# cp feb2 feb2\_dup ====> here we trying to copying directory feb2 in same path with different name

cp: omitting directory `feb2' ====> not successful

we need to add -r option while copying directory

-r ====> will copy recursivly

[root@praveen tmp]# cp -r feb2 feb2\_dup ===> now its sucessfull

[root@praveen tmp]# ls -ltr

total 464

drwxr-xr-x. 7 root root 4096 Feb 2 00:49 feb2

drwxr-xr-x. 7 root root 4096 Feb 2 00:52 feb2\_dup

Copying the directory feb2 to /var path

[root@praveen tmp]# cp -rv feb2 /var/ ====> here we copying directory feb2 which is /tmp path to /var path

-v ====> verbose

`feb2' -> `/var/feb2'

`feb2/cat' -> `/var/feb2/cat'

`feb2/y3' -> `/var/feb2/y3'

`feb2/p2' -> `/var/feb2/p2'

`feb2/p3' -> `/var/feb2/p3'

`feb2/b' -> `/var/feb2/b'

`feb2/10' -> `/var/feb2/10'

`feb2/y5' -> `/var/feb2/y5'

`feb2/c' -> `/var/feb2/c'

`feb2/p5' -> `/var/feb2/p5'

`feb2/f' -> `/var/feb2/f'

`feb2/p6' -> `/var/feb2/p6'

option3: copy directiry to some other location with different directory name

[root@praveen tmp]# cp -rv feb2 /var/marc2 ===> here feb2 is copied to /var with name marc2

`feb2' -> `/var/marc2'

`feb2/cat' -> `/var/marc2/cat'

`feb2/y3' -> `/var/marc2/y3'

`feb2/p2' -> `/var/marc2/p2'

`feb2/p3' -> `/var/marc2/p3'

`feb2/b' -> `/var/marc2/b'

[root@praveen tmp]# cp sunad.txt /var/

cp: overwrite `/var/sunad.txt'? y

[root@praveen tmp]# yes |cp sunad.txt /var/ ====> To overwrite the file with yes option

cp: overwrite `/var/sunad.txt'? [root@praveen tmp]#

t@praveen feb2]# yes |cp -v p\* /tmp ====> copying all files p\* to /tmp location

cp: overwrite `/tmp/p1'? cp: cannot overwrite directory `/tmp/p1' with non-directory

`p2' -> `/tmp/p2'

`p3' -> `/tmp/p3'

`p4' -> `/tmp/p4'

`p5' -> `/tmp/p5'

`p6' -> `/tmp/p6'

`p7' -> `/tmp/p7'

`p8' -> `/tmp/p8'

`p9' -> `/tmp/p9'

Renaming directory

[root@praveen tmp]# mv feb2\_dup kushal ====> here we renaming directory feb2\_dup to kushal

now lets move kushal directory to /var location

[root@praveen tmp]# mv kushal /var/ ====> Now kushal directory moved to /var location

next class

remove file /directory

wc -l

wc -w

wc -c

echo