**Soft and Hard links**

**Soft link :** These are just a path to the main file, like a shortcut in windows.

**Hard link :** These are of same files with different names at different location.

[ Create a file ‘raj’ with data]

# cat > raj

Hi Raj

Good evening

(ctrl+d) to save

[ check the details of file ‘raj’]

# ll raj

-rw-r--r--. 1 root root 20 Apr 17 13:17 raj

[ Create a softlink to file ‘raj’ ]

# ln -s raj ram

[ list the details of files ]

# ls –ll

-rw-r--r--. 1 root root 20 Apr 17 13:17 raj

lrwxrwxrwx. 1 root root 3 Apr 17 13:18 ram -> raj

[ Read the data in file ‘raj’ ]

# cat raj

Hi Raj

Good evening

# cat ram

Hi Raj

Good evening

[ Create a directory and move the softlink into that directory]

# mkdir sriram

# mv ram sriram

[ try to check the data of softlink]

# cat ram

cat: ram: No such file or directory

[ Create a hard link to the file raj]

# ln raj laxman

# ls –ll

-rw-r--r--. 2 root root 20 Apr 17 13:17 laxman

-rw-r--r--. 2 root root 20 Apr 17 13:17 raj

#cat laxman

Hi Raj

Good evening

[ move the hardlink ‘laxman’ created into directory ‘sriram’]

# mv laxman sriram

[ try to check the data of softlink]

# cat laxman

cat: laxman: No such file or directory