

Exercise no 3.

pipe : Pipe is used to combine two or more commands, and in this, the output of one command acts as input to another command, and this command's output may act as input to the next command and so on

grep : The grep filter searches a file for a particular pattern of characters, and displays all lines that contain that pattern

1. Here i created some files with "doc" extension .
2. `ls -l` gives all the details about the files in the directory.
3. The `grep` command is used to search for a specific pattern
4. here i combined both commands `ls -l` and the `grep` command with the help of pipe.
5. The output of `ls -l` goes to the input of `grep` command which searches for the specific pattern.
6. `ls -l | grep "doc"` will gives the "doc" extension files.

```
subhashj@ignitarium-ThinkPad-L14-Gen-2:~/linux_shell$ ls -l
total 24
-rw-rw-r-- 1 subhashj subhashj 149 Aug 29 11:46 2.txt
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 12:51 3.doc
-rwxrwxr-x 1 subhashj subhashj 315 Aug 29 12:00 3.txt
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 12:51 44.doc
-rw-rw-r-- 1 subhashj subhashj 315 Aug 29 12:10 4.txt
-rw-rw-r-- 1 subhashj subhashj 300 Aug 29 12:32 a.patch
-rw-rw-r-- 1 subhashj subhashj 128 Aug 29 12:33 a.txt
-rw-rw-r-- 1 subhashj subhashj 128 Aug 29 12:26 b.txt
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 11:09 cmds.txt
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 12:50 one.doc
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 12:51 two.doc
subhashj@ignitarium-ThinkPad-L14-Gen-2:~/linux_shell$ ls -l | grep "doc"
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 12:51 3.doc
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 12:51 44.doc
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 12:50 one.doc
-rw-rw-r-- 1 subhashj subhashj  0 Aug 29 12:51 two.doc
subhashj@ignitarium-ThinkPad-L14-Gen-2:~/linux_shell$ |
```