Ubuntu

**Update Ubuntu after installation**

$ sudo apt-get update

**Install Docker on Ubuntu**

Sudo apt-get install -y docker **OR** yum install docker -y

**Clear Screen**

Ctrl + L

**Check Docker is running or not?**

# Window file system hierarchy

/home : home directory for other users

/root : home directory for root user

## Creating File in Linux

1. **Cat:**
2. cat > myfilename + enter and start writing file content and ctrl+d to finish
3. you can not edit file with cat command
4. used to create a file
5. concatenate multiple files into one file
6. can copy file content
7. tac : used to reverse the content of the file
8. cat >> myfile
9. **Touch:**
10. Used to create an empty file
11. **Nano:**
12. File editor
13. Nano filename + enter -> start writing > ctrl+x -> y
14. **Vi/vim:**

File Editor

:w -> to save

:wq or :x to save and quit

:q -> quit without save

:q! force quit , no save

## Creat directory

* mkdir directory\_name
* mkdir outer\_dirctory/inner\_directory > creating multiple directories at once
* cd .. -> go one directory back
* cd ~ -> go to your home directory
* cd / -> go to root directory
* cd.
* Pwd – printWorkingDirectory – complete path from root
* Cd ../../.. to came back multiple times
* To create hidden file or directory , just put a . before its name, it will be hidden
* To see hidden file > ls -a
* To copy and paste file data -> cp sourcefile.txt destinationfile.txt
* To move file or directory -> mv sourcefile/sourcedir destinationdirectory
* To rename fie or directory -> mv oldname newname
* To remove directory -> rmdir dirname
* Rmdir dirname -> will remove empty directoy
* Rmdir -p -> remove both parent and child directory
* Rmdir -pv -> remove parent and child directory with verbose
* Rm -rf -> removes even non empty file or directory
* Hostname - > OS information
* Yum install httpd -y -> to install appachi server
* Yum rem httpd -> to remove apachi server
* Yum update httpd -> to update apachi server
* Service httpd start -> start http server
* Service httpd status -> check whether running or not
* Chkconfig httpd on -> automaticall start service with machine start
* Chkconfig http off -> to off the above feature
* Yum list installed - > show installed packages
* Which chef -> to check whether chef is installed
* Whoami -> to check whether root user or any other user
* Echo -> to show message to multiple user
* Echo welcome > filename -> to create / update file
* Echo > filename -> to empty a file
* grep ikram /mydir/file.txt - > to search ikram in file
* sort file.txt -> to sort in alphabetical order
* head -> to see top lines of a document
* tail -> to see ending lines of the document