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| 1 - whoami | user name used to login into Linux |
| 2 - hostname | see Hostname |
| 3 - Pwd | Present Working Directory |
| 4 – sudo jps | java virtual machine process status |
| 5 – cd   * Cd /folder * Cd ../ | Change Directory |
| 6 – Man   * Man pwd | Manual and info - Info |
| 7 – Cat   * Cat > file1 =>create file * Cat file1 > file2 => copy file1 in file2 * Cat file2 =>show file | Creating and Viewing file |
| 8 – rm   * Rm file | Remove file |
| 9 – mv   * Mv file1 file2 => rename file * Mv file1 /test => move file to folder test | Move/ Rename (File and Directory both) |
| 10 - su | supper user |
| 11 – Mkdir   * Mkdir test | Create directory |
| 12 – Rmdir   * Rmdir test | remove directory |
| 13 - history | List of commands executed |
| 14 - clear | Clear the window |
| 15 – Chown   * Sudo chown root test | Change owner |
| 16 – Chmod   * Chmod 740 test * Chmod g+x test | Change mode/authority |
| 17 – Chgrp   * Sudo chgrp root test | change group |
| 18 - hdfs dfs -ls / |  |
| 19 - hdfs dfs -chgrp cloudera /test |  |
| 20 - hdfs dfs -chmod 777 /test |  |
| 21- hdfs dfs -count / | Directory, File and size in bytes |
| 22 - hdfs dfs -du | Size Of File |
| 23 - hdfs dfs -du -s | Summary |
| 24 - hdfs dfs -du -h | Human Readable |

HDFS And Hadoop

1- sudo -u hdfs hadoop fs -mkdir /sample

2- sudo -u hdfs hadoop fs -chgrp cloudera /testhdfs

3- sudo -u hdfs hadoop fs -chmod 777 /testhdfs

4- hdfs dfs -copyFromLocal /home/cloudera/Desktop/file1 /testhdfs/file1

5- hdfs dfs -ls /testhdfs

6- hdfs dfs -copyToLocal /testhdfs/file1 /home/cloudera/Desktop/filez

7- udo -u hdfs hadoop fs -count /

8- hdfs dfs -cp /testhdfs/file1 /testhdfs/filecopy

9- hdfs dfs -ls /testhdfs

10- dfs dfs -du / => different size

11- hdfs dfs -du -s / =>summary

12- sudo -u hdfs hadoop fs -du -s /

13- sudo -u hdfs hadoop fs -du -h /

14- sudo -u hdfs hadoop fs -mv /testhdfs/file1 /file1

15- sudo -u hdfs hadoop fs -rm /file1

16- hdfs dfs -tail /testhdfs/filecopy

17- sudo -u hdfs hadoop fs -chmod 775 /user/cloudera

18- hdfs dfs -ls /

19- sudo -u hdfs hadoop fs -put /home/cloudera/Desktop/file1 /mydir2

20- hdfs dfs -get /mydir2/file1 /home/cloudera/Desktop/file2z

21- >> sudo su hdfs >> hive

**To know the status of Safemode, use command:**  
hadoop dfsadmin –safemode get  
**To enter Safemode, use command:**  
bin/hadoop dfsadmin –safemode enter  
**To come out of Safemode, use command:**  
hadoop dfsadmin -safemode leave

hdfs dfsadmin -safemode leave

sudo -u hdfs hdfs dfsadmin -safemode leave

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| [ls -a](https://www.rapidtables.com/code/linux/ls/ls-a.html) | list all files including hidden file starting with '.' |
| ls --color | colored list [=always/never/auto] |
| ls -d | list directories - with ' \*/' |
| ls -F | add one char of \*/=>@| to enteries |
| ls -i | list file's inode index number |
| [ls -l](https://www.rapidtables.com/code/linux/ls/ls-l.html) | list with long format - show permissions |
| [ls -la](https://www.rapidtables.com/code/linux/ls/ls-l.html) | list long format including hidden files |
| [ls -lh](https://www.rapidtables.com/code/linux/ls/ls-l.html) | list long format with readable file size |
| [ls -ls](https://www.rapidtables.com/code/linux/ls/ls-l.html) | list with long format with file size |
| [ls -r](https://www.rapidtables.com/code/linux/ls/ls-r.html#reverse) | list in reverse order |
| [ls -R](https://www.rapidtables.com/code/linux/ls/ls-r.html#recursive) | list recursively directory tree |
| [ls -s](https://www.rapidtables.com/code/linux/ls/ls-s.html#size) | list file size |
| [ls -S](https://www.rapidtables.com/code/linux/ls/ls-s.html#sort-size) | sort by file size |
| [ls -t](https://www.rapidtables.com/code/linux/ls/ls-t.html) | sort by time & date |
| ls -X | sort by extension name |