

## Linux | Unix Commands

1. **mkdir**: It is used to make a new directory  
eg: `mkdir bda-1712534`
2. **cd**: It is used to go in a directory  
eg: `cd bda-1712534`
3. **cd ..**: It is used to go back to the previous directory  
eg: `cd ..`
4. **touch**: It is used to create a file without any data  
eg: `touch f1`  
`touch f1 f2 f3 → It creates f1 f2 f3 empty files`
5. **cat > filename**: It appends data at the end of existing file  
eg: `cat > f1`
6. **cat >> filename**: It appends data at the end of the existing file  
eg: `cat >> f1`
7. **cat filename**: It is used to display the contents of a file  
eg: `cat f1`
8. **cat f1 f2 > f3**: It creates a new file which contains data of two concatenated files
9. **cat f1 f2 >> f3**: It concatenates two files f1 and f2 and stores the data in third file by appending

10. date - It will display the date of the current system

11. cal : It will display the calendar

12. rmdir : It will remove the directory

eg: rmdir dba-1712534

13. rm : This command will remove the file eg: rm f1

• rm -i f1 - This will remove file interactively

• rm -f f1 - This will remove file forcefully

• rm -r f1 - This will remove file recursively

14. ls : This command will list the file

• ls -l → It will display all the content files

• ls -r → It will display content in reverse order

• ls -R → It will display content recursively

• ls -a → It will display the hidden files

15. cp : It will copy the data from source file to destination

eg: cp f1 f2

↑      ↑  
source    destination  
file      file

16. wc : It is used to count lines, characters, words of a file eg

• wc -l f1 : count no. of lines

• wc -w f1 : count no. of words

• -c f1 : count no. of characters

17. **head**: It will display the initial / starting 10 lines of a file eg: head f1
18. **tail**: It will display 10 lines from the ending of a file eg: tail -10 f1
19. **cmp**: It is used to compare two files byte by byte  
eg: cmp f1 f2
20. **sort**: It will sort the content of the file  
eg:
  - sort -o f1 : It will sort output
  - sort -u f1 : It will sort uniquely
  - sort -m f1 : It will sort merged data
  - sort -n f1 : It will sort numerically
21. **grep**: It is used to search a pattern in file  
eg: grep page book
  - grep p\*x f1 : Search pattern that contain character 'p'
  - grep p\$ f1 : Search pattern which contains 'p' at the end
  - grep -I p\*x f1 : It will search pattern irrespective of case sensitivity
  - grep -v p f1 : search all the files except the file which contains the given pattern
  - grep -n p f1 : It will search the pattern in a given file and output the line number

22. **man**: It will open the manual of a command  
eg: man ls

23. factor : It will give the prime factor eg: factor 6

24. expr : It is used to solve an expression

eg: expr 2+3

25. bc : It is used to open binary calculator

eg: sqrt(169)

26. quit : It is used to quit binary calculator

27. ps : It displays all the active process eg:

ps - a : It will display all the process

ps - f : It will display the process with details

28. pwd : It displays path of current directory

29. tty : It gives server of your id

30. ln : It creates link to file

31. more : It outputs the content of the file eg: more file

32. bg : It sends the process to the background

eg: bg program

33. fg : It sends the process to the foreground

eg: fg program

34. kill : It is used to kill a process

eg: kill pid

35. `df`: It is used to get the amount of free disk space left.

36. `nice`: It is used to set priority of a process.

37. `top`: It gives details of a process like PID, USER, PR, NI, VIRT, RES, SHR, S, %CPU, %MEM etc.

## Network Command

1. `hostname` - It displays the hostname eg:

- `hostname -d` → gives domain name
- `hostname -f` → fully qualified hostname
- `hostname -i` → ip address of host machine

2. `netstat` - It is for getting network connection detail

- a/-all : display all listening and consistency sockets
- at : lists all tcp ports
- all : lists all udp ports
- l : lists only the listening ports
- lt : lists only the listening tcp ports
- lu : lists only the listening udp ports

3. `ping` : Checks the network connectivity b/w the host and servers

ping Google.com

4. `ipconfig` : It gives n/w configuration

cg: ipconfig eth0 ipconfig eth0 mtv 7083  
ipconfig lo ipconfig eth0 up

5. nslookup - gives information from DNS server and ip address  
eg: nslookup Google.com

6. traceroute - points the route packet trace to n/w host

7. telnet - It creates remote connection with a system over TCP/IP network.

### Hadoop file system commands

hadoop fs ....

① -ls path : lists the contents of the directory specified by path, showing the names, permissions, owner, size and modification date for each entry

② -ls -R path : Behaves like -ls, but recursively displays entries in all subdirectories of path

③ -du path : Shows disk usage, in bytes, for all files which match path ; filenames are reported with the full HDFS protocol prefix.

④ -du-s path : Like -du, but prints a summary of disk usage of all files/ directories in the path

⑤ -mv src dest : Moves the file or directory indicated by src to dest, within HDFS

```
cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 06:04:23 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ping google.com
PING google.com (216.58.196.78) 56(84) bytes of data.
64 bytes from kullois09-in-f78.1e100.net (216.58.196.78): icmp_seq=1 ttl=115 time=30.7 ms
64 bytes from kullois09-in-f78.1e100.net (216.58.196.78): icmp_seq=2 ttl=115 time=30.5 ms
64 bytes from kullois09-in-f78.1e100.net (216.58.196.78): icmp_seq=3 ttl=115 time=30.7 ms
```

```
cloudera@quickstart:~/rupalishukla - □ X
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=20 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=21 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=22 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=23 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=24 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=25 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=26 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=27 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=28 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=29 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=30 ttl=115 time=30.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=31 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=32 ttl=115 time=32.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=33 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=34 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=35 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=36 ttl=115 time=30.4 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=37 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=38 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=39 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=40 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=41 ttl=115 time=30.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=42 ttl=115 time=30.7 ms
^[[2~64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=43 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=44 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=45 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=46 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=47 ttl=115 time=33.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=48 ttl=115 time=33.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=49 ttl=115 time=33.2 ms
^C
--- google.com ping statistics ---
49 packets transmitted, 49 received, 0% packet loss, time 48921ms
rtt min/avg/max/mdev = 30.223/30.901/33.304/0.684 ms
[cloudera@quickstart rupalishukla]$ ^C
[cloudera@quickstart rupalishukla]$ nslookup google.com
Server:      192.168.1.51
Address:     192.168.1.51#53

Non-authoritative answer:
Name:   google.com
Address: 216.58.206.206

[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=31 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=32 ttl=115 time=32.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=33 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=34 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=35 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=36 ttl=115 time=30.4 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=37 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=38 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=39 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=40 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=41 ttl=115 time=30.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=42 ttl=115 time=30.7 ms
^[[2~64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=43 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=44 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=45 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=46 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=47 ttl=115 time=33.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=48 ttl=115 time=33.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=49 ttl=115 time=33.2 ms
^C
--- google.com ping statistics ---
49 packets transmitted, 49 received, 0% packet loss, time 48921ms
rtt min/avg/max/mdev = 30.223/30.301/33.304/0.684 ms
[cloudera@quickstart rupalishukla]$ ^C
[cloudera@quickstart rupalishukla]$ nslookup google.com
Server:      192.168.1.51
Address:     192.168.1.51#53

Non-authoritative answer:
Name:   google.com
Address: 216.58.196.206

[cloudera@quickstart rupalishukla]$ hadoop fs -cat f3
hiiii,its a file in hadoop.
[cloudera@quickstart rupalishukla]$ hadoop -copyToLocal src localDest
Error: No command named '-copyToLocal' was found. Perhaps you meant 'hadoop copyToLocal'.
[cloudera@quickstart rupalishukla]$ hadoop fs -copyToLocal src localDest
copyToLocal: 'src': No such file or directory
[cloudera@quickstart rupalishukla]$ hadoop fs -copyToLocal f3 localDest
[cloudera@quickstart rupalishukla]$ hadoop fs -tail[-f] f3
-tail[-f]: Unknown command
[cloudera@quickstart rupalishukla]$ hadoop fs -tail f3
hiiii,its a file in hadoop.
[cloudera@quickstart rupalishukla]$
```

```
[cloudera@quickstart:~/rupalishukla
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=27 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=28 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=29 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=30 ttl=115 time=30.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=31 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=32 ttl=115 time=32.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=33 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=34 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=35 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=36 ttl=115 time=30.4 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=37 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=38 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=39 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=40 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=41 ttl=115 time=30.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=42 ttl=115 time=30.7 ms
'[[2-64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=43 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=44 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=45 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=46 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=47 ttl=115 time=33.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=48 ttl=115 time=33.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=49 ttl=115 time=33.2 ms
^C
--- google.com ping statistics ---
49 packets transmitted, 49 received, 0% packet loss, time 48921ms
rtt min/avg/max/mdev = 30.223/30.301/33.304/0.684 ms
[cloudera@quickstart rupalishukla]$ ^C
[cloudera@quickstart rupalishukla]$ nslookup google.com
Server: 192.168.1.51
Address: 192.168.1.51#53

Non-authoritative answer:
Name: google.com
Address: 216.58.196.206

[cloudera@quickstart rupalishukla]$ hadoop fs -cat f3
hiiii,its a file in hadoop.
[cloudera@quickstart rupalishukla]$ hadoop -copyToLocal src localDest
Error: No command named '-copyToLocal' was found. Perhaps you meant 'hadoop copyToLocal'.
[cloudera@quickstart rupalishukla]$ hadoop fs -copyToLocal src localDest
copyToLocal: 'src': No such file or directory
[cloudera@quickstart rupalishukla]$ hadoop fs -copyToLocal f3 localDest
[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=22 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=23 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=24 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=25 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=26 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=27 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=28 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=29 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=30 ttl=115 time=30.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=31 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=32 ttl=115 time=32.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=33 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=34 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=35 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=36 ttl=115 time=30.4 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=37 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=38 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=39 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=40 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=41 ttl=115 time=30.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=42 ttl=115 time=30.7 ms
^[[2-64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=43 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=44 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=45 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=46 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=47 ttl=115 time=33.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=48 ttl=115 time=33.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=49 ttl=115 time=33.2 ms
^C
--- google.com ping statistics ---
49 packets transmitted, 49 received, 0% packet loss, time 48921ms
rtt min/avg/max/mdev = 30.223/30.901/33.304/0.684 ms
[cloudera@quickstart rupalishukla]$ ^C
[cloudera@quickstart rupalishukla]$ nslookup google.com
Server:      192.168.1.51
Address:    192.168.1.51#53

Non-authoritative answer:
Name:  google.com
Address: 216.58.196.206

[cloudera@quickstart rupalishukla]$ hadoop fs -cat f3
hiiii,its a file in hadoop.
[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
[cloudera@quickstart rupalishukla]$ ping google.com
PING google.com (216.58.196.78) 56(84) bytes of data.
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=1 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=2 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=3 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=4 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=5 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=6 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=7 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=8 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=9 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=10 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=11 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=12 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=13 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=14 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=15 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=16 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=17 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=18 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=19 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=20 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=21 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=22 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=23 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=24 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=25 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=26 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=27 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=28 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=29 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=30 ttl=115 time=30.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=31 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=32 ttl=115 time=32.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=33 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=34 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=35 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=36 ttl=115 time=30.4 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=37 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=38 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=39 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=40 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=41 ttl=115 time=30.3 ms
```

cloudera@quickstart:~/rupalishukla

```
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=12 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=13 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=14 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=15 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=16 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=17 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=18 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=19 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=20 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=21 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=22 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=23 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=24 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=25 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=26 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=27 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=28 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=29 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=30 ttl=115 time=30.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=31 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=32 ttl=115 time=32.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=33 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=34 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=35 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=36 ttl=115 time=30.4 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=37 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=38 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=39 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=40 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=41 ttl=115 time=30.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=42 ttl=115 time=30.7 ms
^[[2-64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=43 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=44 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=45 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=46 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=47 ttl=115 time=33.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=48 ttl=115 time=33.3 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=49 ttl=115 time=33.2 ms
^C
--- google.com ping statistics ---
49 packets transmitted, 49 received, 0% packet loss, time 48921ms
rtt min/avg/max/mdev = 30.223/30.901/33.304/0.654 ms
[cloudera@quickstart rupalishukla]$ ^C
[cloudera@quickstart rupalishukla]$
```

cloudera@quickstart:~/rupalishukla

```
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 06:04:23 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ping google.com
PING google.com (216.58.196.78) 56(84) bytes of data.
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=1 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=2 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=3 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=4 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=5 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=6 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=7 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=8 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=9 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=10 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=11 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=12 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=13 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=14 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=15 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=16 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=17 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=18 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=19 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=20 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=21 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=22 ttl=115 time=30.5 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=23 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=24 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=25 ttl=115 time=31.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=26 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=27 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=28 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=29 ttl=115 time=30.6 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=30 ttl=115 time=30.2 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=31 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=32 ttl=115 time=32.0 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=33 ttl=115 time=30.8 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=34 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=35 ttl=115 time=30.7 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=36 ttl=115 time=30.4 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=37 ttl=115 time=30.9 ms
64 bytes from kulo1s09-in-f78.le100.net (216.58.196.78): icmp_seq=38 ttl=115 time=30.5 ms
```

- (6) -cp src dest : copies the file or directory indicated by src to dest, within HDFS
- (7) -rm path : removes the file or empty directory identified by path
- (8) -put localSrc dest : copies the file or directory from the local file system identified by localSrc to dest within the DFS
- (9) -copyFromLocal localSrc dest : identical to -put
- (10) -moveFromLocal localSrc dest : copies the file or directory from the local file system identified by localSrc to dest within HDFS, then deletes the local copy on success
- (11) -get [-crc] src localDest : copies the file or directory in HDFS identified by src to the local file system path identified by localDest
- (12) -getmerge src localDest [addnl] : retrieves all files that match the path src in HDFS and copies them to a single, merged file in the local file system identified by localDest
- (13) -cat filename : displays the contents of filename on stdout
- (14) -copyToLocal [-crc] src localDest : identical to -get

- (15) -moveToLocal [-unc] src localDest : Works like -get, but deletes the HDFS copy on success.
- (16) -mkdirs path : Creates a directory named path in HDFS. Creates any parent directories in path that are missing (e.g.: like mkdirs -p in Linux)
- (17) -setrep [-R] [-w] rep path : Sets the target replication factor for files identified by path to rep.
- (18) -touchz path : creates a file at path containing the current time as a timestamp. Fails if a file already exists at path, unless the file is already size 0
- (19) -test [-ezd] path : Returns 1 if path exists, has zero length, or is a directory, or 0 otherwise
- (20) -stat [format] path : Prints information about path, format is a string which accepts file size in blocks (%.b), filename (%.n), block size (%.s), replication (%.r) and modification date (%.y, %.Y)
- (21) -tail [-f] file : Shows the last 1KB of file on stdout
- (22) -chmod [-R] mode path ... : Changes the file permissions associated with one or more objects identified by path.
- (23) -help cmd : Returns usage information for any of the commands listed above.

```
cloudera@quickstart:~/rupalishukla
bda_1_557      file34      kkk.txt          pinki      shivangi      wordcount1712393.txt  Yfruit
bda_557      file4.txt      kk.txt          pj         ShivangiT    wordcount19_class   Yfruits
bda_570      file5      KomalWordCount_class  pooja     shivanshi    wordcount21_class   yogesh.txt
bsanshu      file5jms     kriti           Pooja     shreya       wordcount21.jar    yogita
bsansumerge  file5.txt      kritika        pp         ShreyaChaurasia wordcount22222_class  Yogita
btbtol7294   file6      KWordCount_class  ppp.txt    shreyasi      wordcount2381_class  yuk_out.txt
bts        file6jms     KWordCount.jar   pppq       shruti       word_count2381.jar  yuktee
BTS14       file7      kworid          pp.txt     shubhangi    wordcount238_class  yukteel.txt
build       file7jms     lex.yy.c        practice.txt Shubhangi_programs wordcount238.jar   yukti
car.txt      file90      lib             pragati_agg shubhechcha  Wordcount38_class  Yukti
cat        fileaa      list            pranjali    shweta       wordcount90_class  yukt.txt
chahak      fileb       longestword.l Priya24     shweta2      wordcount85        yy.txt
check9       filebb     lr              priyankaj   Simmi       wordcount_class   yyyd
chmod_example.txt  filebb.txt    lrl            priyankaS  singh        wordCount_Class
ci.l        filecc      mahak          priyankay  snehil      WordCount_class
class       filefromlocal maitrayee    pragati_agg priyanshi_class WordCount_Class
cloudera-manager  fileI      Makefile        progl.c    somyal      wordcount_class1
cm_api.py    fileII      mansigupta  Public     SomyaSinghal wordcount_class11
[cloudera@quickstart ~]$ cd rupalilist
-bash: cd: rupalilist: Not a directory
[cloudera@quickstart ~]$ ^C
[cloudera@quickstart ~]$ cd rupalilist
-bash: cd: rupalilist: Not a directory
[cloudera@quickstart ~]$ cd rupaliznd
-bash: cd: rupaliznd: Not a directory
[cloudera@quickstart ~]$ cd pinki
[cloudera@quickstart pinki]$ cd ..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd rupalidirl
-bash: cd: rupalidirl: No such file or directory
[cloudera@quickstart pinki]$ cd ruchi
-bash: cd: ruchi: No such file or directory
[cloudera@quickstart pinki]$ cd ..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd ..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd ..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd ..
[cloudera@quickstart pinki]$ cd ..
[cloudera@quickstart ~]$ cd rupalidirl
[cloudera@quickstart rupalidirl]$ cd ..
[cloudera@quickstart ~]$ mkdir rupalishukla
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~
```

bda	file3	kkk	pig_1613757559398.log	shivangiupta	Wordcount1#	ya.txt
bda_1_557	file34	kkk.txt	pinki	shivangi	wordcount1712393.txt	yfruit
bda_557	file4.txt	kk.txt	pj	ShivangiT	wordcount19_class	Yfruits
bda_570	file5	komalwordcount_class	pooja	shivanshi	wordcount21_class	yogesh.txt
bsansu	file5jms	Kriti	Pooja	shreya	wordcount21.jar	yogita
bsansumerge	file5.txt	Kritika	PP	ShreyaChaurasia	wordcount2222_class	Yogita
btbtcl7294	file6	kWordCount_class	ppp.txt	shreyasi	word_count2381.jar	yuk_out.txt
bts	file6jms	kWordCount.jar	ppqq	shruti	word_count2381.jas	yuktee
RTS14	file7	kworld	pp.txt	shubhangi	wordcount238_class	yuksteel.txt
build	file7jms	lex.yy.c	practice.txt	Shubhangi_programs	wordcount238.jar	yukti
car.txt	file90	lib	pragati_agg	shubhechcha	wordcount38_class	Yukti
cat	fileaa	list	pranjali	shweta	wordcount90_class	yukt.txt
chahak	fileb	longestword.l	Priya24	shweta2	wordcount85	yy.txt
check9	filebb	lr	priyankaj	Simmi	Wordcount_class	yyd
chmod_example.txt	fileb.txt	lrl	priyankaS	singh	WordCount_Class	
ci_1	filecc	mahak	priyankay	snehil	WordCount_class	
class	filefromlocal	maityrayee	priyanshi_class	somya	WordCount_Class	
cloudera-manager	fileI	Makefile	prog1.c	somyal	Wordcount_class1	
cm_api.py	fileII	mansigupta	Public	SomyaSinghal	Wordcount_class11	

```
[cloudera@quickstart ~]$ cd rupalilist
-bash: cd: rupalilist: Not a directory
[cloudera@quickstart ~]$ ^C
[cloudera@quickstart ~]$ cd rupalilist
-bash: cd: rupalilist: Not a directory
[cloudera@quickstart ~]$ cd rupali2nd
-bash: cd: rupali2nd: Not a directory
[cloudera@quickstart ~]$ cd pinki
[cloudera@quickstart pinki]$ cd ..
-bash: cd: command not found
[cloudera@quickstart pinki]$ cd rupali1dir
-bash: cd: rupali1dir: No such file or directory
[cloudera@quickstart pinki]$ cd ruchi
-bash: cd: ruchi: No such file or directory
[cloudera@quickstart pinki]$ cd ..
-bash: cd: command not found
[cloudera@quickstart pinki]$ cd ..
-bash: cd: command not found
[cloudera@quickstart pinki]$ cd ..
-bash: cd: command not found
[cloudera@quickstart pinki]$ cd ..
[cloudera@quickstart ~]$ cd rupali1dir
[cloudera@quickstart rupali1dir]$ cd ..
[cloudera@quickstart ~]$ mkdir rupalishukla
[cloudera@quickstart ~]$
```

```
cloudera@quickstart:~/rupalidir1
ayushi1712393  file23      kanchana          pig_1612891434080.log  shivangiA    Wordcount138_class   yati
ayushi.txt       file2.txt    kk                pig_1613756452577.log  shivangiB    wordcount138.jar    yat.txt
bda             file3       kkk               pig_1613757559398.log  shivangigupta wordcount14        ya.txt
bda_1_557       file34      kkk.txt          pinki                 shivangil   wordcount14        ya.txt
bda_557         file4.txt    kk.txt           pj                   ShivangiT  wordcount19_class  Yfruits
bda_570         file5       KomalWordCount_class  pooja                shivanshi  wordcount21_class  yogesh.txt
bsanshu         file5jms    kriti            Pooja                shreya     wordcount21.jar   yogita
bsansumerge    file5.txt    kritika          pp                   ShreyaChaurasia wordcount2222_class Yogita
btbscl7299     file6       KWordCount_class  ppp.txt              shreyasi   word_count2381_class yuk_out.txt
btbs           file6jms    KWordCount.jar   pppq                shruti    word_count2381.jar  yuktee
BT514          file7       kworid           pp.txt               shubhangi  wordcount238_class yukteel.txt
build          file7jms    lex.yy.c          practice.txt        Shubhangi_programs wordcount238.jar   yukt
car.txt         file90      lib               pragati_agg       shubhangcha wordcount38_class Yukti
cat             fileaa      list              pranjali            shweta    wordcount90_class yukt.txt
chanak         fileb       longestword.l  Priya24             shweta2   wordcount85       yy.txt
check9         filebb      lr                priyankaj          Simmi    wordcount class   yyyyd
chmod_example.txt fileb.txt  lrl              priyankaS          singh    wordCount_Class
ci.l           filecc      mahak            priyankay          snehil   WordCount_class
class          filefromlocal maitrayee        priyanshi_class  somya    WordCount Class
cloudera-manager fileI      Makefile          prog1.c            somyal   wordcount classl
cm_api.py      fileII     mansigupta       Public             SomyaSinghal wordcount_classll
[cloudera@quickstart ~]$ cd rupalilist
-bash: cd: rupalilist: Not a directory
[cloudera@quickstart ~]$ ^C
[cloudera@quickstart ~]$ cd rupalilist
-bash: cd: rupalilist: Not a directory
[cloudera@quickstart ~]$ cd rupali2nd
-bash: cd: rupali2nd: Not a directory
[cloudera@quickstart ~]$ cd pinki
[cloudera@quickstart pinki]$ cd..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd rupalidir1
-bash: cd: rupalidir1: No such file or directory
[cloudera@quickstart pinki]$ cd ruchi
-bash: cd: ruchi: No such file or directory
[cloudera@quickstart pinki]$ cd..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd ..
[cloudera@quickstart ~]$ cd rupalidir1
[cloudera@quickstart rupalidir1]$
```

```
[cloudera@quickstart:~/rupalishukla]$ cp: overwrite 'f2'? y
[cloudera@quickstart rupalishukla]$ wc -l f1
5 f1
[cloudera@quickstart rupalishukla]$ head f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ tail f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ sort -o f1
jhbhn

[cloudera@quickstart rupalishukla]$ cat f1
jhbhn
[cloudera@quickstart rupalishukla]$ man ls

--scontext
      Display only security context and file name.

--help display this help and exit

--version
      output version information and exit

SIZE may be (or may be an integer optionally followed by) one of following: KB 1000, K 1024, MB 1000*1000, M 1024*1024, and so on for G, T, P,
E, Z, Y.

Using color to distinguish file types is disabled both by default and with --color=never. With --color=auto, ls emits color codes only when
standard output is connected to a terminal. The LS_COLORS environment variable can change the settings. Use the dircolors command to set it.

Exit status:
0      if OK,
1      if minor problems (e.g., cannot access subdirectory),
2      if serious trouble (e.g., cannot access command-line argument).
```

```
cloudera@quickstart:~/rupalishukla          User Commands          LS(1)
LS(1)                                         LS(1)

NAME
ls - list directory contents

SYNOPSIS
ls [OPTION]... [FILE]...

DESCRIPTION
List information about the FILES (the current directory by default). Sort entries alphabetically if none of -cftuvSUX nor --sort.
Mandatory arguments to long options are mandatory for short options too.

-a, --all
      do not ignore entries starting with .

-A, --almost-all
      do not list implied . and ..

--author
      with -l, print the author of each file

-b, --escape
      print octal escapes for nongraphic characters

--block-size=SIZE
      use SIZE-byte blocks. See SIZE format below

-B, --ignore-backups
      do not list implied entries ending with ~

-c
      with -lt: sort by, and show, ctime (time of last modification of file status information) with -l: show ctime and sort by name otherwise;
      sort by ctime

-C
      list entries by columns

--color[=WHEN]
      colorize the output. WHEN defaults to always or can be never or auto. More info below

-d, --directory
      list directory entries instead of contents, and do not dereference symbolic links

-D, --dired
```

```
[cloudera@quickstart:~/rupalishukla
```

```
wq
```

```
[cloudera@quickstart rupalishukla]$ cat f2 f3
cat: f2: No such file or directory
cat: f3: No such file or directory
[cloudera@quickstart rupalishukla]$ cat f1 >> f2
[cloudera@quickstart rupalishukla]$ cat f2
Its rupali shukla
wq
```

```
[cloudera@quickstart rupalishukla]$ date
Thu Feb 25 06:05:24 PST 2021
[cloudera@quickstart rupalishukla]$ time
```

```
real    0m0.000s
user    0m0.000s
sys     0m0.000s
[cloudera@quickstart rupalishukla]$ cp f1 f2
cp: overwrite 'f2'? Y
[cloudera@quickstart rupalishukla]$ wc -l f1
5 f1
[cloudera@quickstart rupalishukla]$ head f1
Its rupali shukla
wq
```

```
[cloudera@quickstart rupalishukla]$ tail f1
Its rupali shukla
wq
```

```
[cloudera@quickstart rupalishukla]$ sort -o f1
jhbhn
```

```
[cloudera@quickstart rupalishukla]$ cat f1
jhbhn
[cloudera@quickstart rupalishukla]$
```

```
[cloudera@quickstart:~/rupalishukla
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ cat f2 f3
cat: f2: No such file or directory
cat: f3: No such file or directory
[cloudera@quickstart rupalishukla]$ cat f1 >> f2
[cloudera@quickstart rupalishukla]$ cat f2
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ date
Thu Feb 25 06:05:24 PST 2021
[cloudera@quickstart rupalishukla]$ time

real    0m0.000s
user    0m0.000s
sys     0m0.000s
[cloudera@quickstart rupalishukla]$ cp f1 f2
cp: overwrite 'f2'? y
[cloudera@quickstart rupalishukla]$ wc -l f1
5 f1
[cloudera@quickstart rupalishukla]$ head f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ tail f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ cat f2 f3
cat: f2: No such file or directory
cat: f3: No such file or directory
[cloudera@quickstart rupalishukla]$ cat f1 >> f2
[cloudera@quickstart rupalishukla]$ cat f2
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ date
Thu Feb 25 06:05:24 PST 2021
[cloudera@quickstart rupalishukla]$ time

real    0m0.000s
user    0m0.000s
sys     0m0.000s
[cloudera@quickstart rupalishukla]$ cp f1 f2
cp: overwrite 'f2'? Y
[cloudera@quickstart rupalishukla]$ wc -l f1
5 f1
[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ cat f2 f3
cat: f2: No such file or directory
cat: f3: No such file or directory
[cloudera@quickstart rupalishukla]$ cat f1 >> f2
[cloudera@quickstart rupalishukla]$ cat f2
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ date
Thu Feb 25 06:05:24 PST 2021
[cloudera@quickstart rupalishukla]$ time

real    0m0.000s
user    0m0.000s
sys     0m0.000s
[cloudera@quickstart rupalishukla]$ cp f1 f2
cp: overwrite 'f2'? y
[cloudera@quickstart rupalishukla]$ wc -l f1
5 f1
[cloudera@quickstart rupalishukla]$ head f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$
```

```
[cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ cat f2 f3
cat: f2: No such file or directory
cat: f3: No such file or directory
[cloudera@quickstart rupalishukla]$ cat f1 >> f2
[cloudera@quickstart rupalishukla]$ cat f2
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ date
Thu Feb 25 06:05:24 PST 2021
[cloudera@quickstart rupalishukla]$ time

real    0m0.000s
user    0m0.000s
sys     0m0.000s
[cloudera@quickstart rupalishukla]$ cp f1 f2
cp: overwrite 'f2'? Y
[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ cat f2 f3
cat: f2: No such file or directory
cat: f3: No such file or directory
[cloudera@quickstart rupalishukla]$ cat f1 >> f2
[cloudera@quickstart rupalishukla]$ cat f2
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ date
Thu Feb 25 06:05:24 PST 2021
[cloudera@quickstart rupalishukla]$
```

```
[cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq
.

[cloudera@quickstart rupalishukla]$ cat f2 f3
cat: f2: No such file or directory
cat: f3: No such file or directory
[cloudera@quickstart rupalishukla]$ cat f1 >> f2
[cloudera@quickstart rupalishukla]$ cat f2
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ date
Thu Feb 25 06:05:24 PST 2021
[cloudera@quickstart rupalishukla]$ time
real    0m0.000s
user    0m0.000s
sys     0m0.000s
[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
login as: cloudera
cloudera@182.237.16.39's password:
Last login: Thu Feb 25 05:51:16 2021 from 117.234.25.249
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$ ls
f1
[cloudera@quickstart rupalishukla]$ cat f1
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$ cat f2 f3
cat: f2: No such file or directory
cat: f3: No such file or directory
[cloudera@quickstart rupalishukla]$ cat f1 >> f2
[cloudera@quickstart rupalishukla]$ cat f2
Its rupali shukla
wq

[cloudera@quickstart rupalishukla]$
```

```
cloudera@quickstart:~/rupalishukla
bda_1_557      file34      kkk.txt          pinki      shivangiI      wordcount1712393.txt  Yfruit
bda_557       file4.txt      kk.txt           pj         ShivangiT    wordcount19_class  Yfruits
bda_570       file5       komalwordcount_class  pooja     shivanshi    wordcount21_class  yogesh.txt
bsanshu        file5jms     Kriti            shreya    shreyashri   wordcount21.jar   yogita
bsansumerge   file5.txt      Kritika          pp        ShreyaChaurasia wordcount2222_class  yogita
btbtol7294    file6       KWordCount_class  ppp.txt   shreyasi      word_count2381_class  yuk_out.txt
bts          file6jms     KWordCount.jar   ppqq      shruti       word_count2381.jar  yuktee
STS14        file7       Kworld            pp.txt    shubhangi    wordcount238_class  yukteel.txt
build        file7jms     lex.yy.c          practice.txt  Shubhangi_programs wordcount238.jar   yukt
car.txt       file90      lib              pragati_egg shubhangicha  wordcount38_class  Yukti
cat          fileaa      list             pranjali    shweta       wordcount90_class  yukt.txt
chahak        fileb       longestword.l  Priya24     shweta2      wordcountBS        yy.txt
check9        filebb     lr               priyankaj   Simmi        wordCount_class  yyyd
chmod_example.txt  filebb     lr               priyankaS   singh        WordCount_Class
filecc        filecc     mahak            priyankay  somya       WordCount_Class
class         fileffromlocal maitrayee        prog1.c    somyal      wordcount_classl
cloudera_manager  fileI      Makefile          Public    SomyaSinghal wordcount_classll
cm_api.py     fileII     mansigupta
[cloudera@quickstart ~]$ cd rupalilist
-bash: cd: rupalilist: Not a directory
[cloudera@quickstart ~]$ ^C
[cloudera@quickstart ~]$ cd rupalilist
-bash: cd: rupalilist: Not a directory
[cloudera@quickstart ~]$ cd rupali2nd
-bash: cd: rupali2nd: Not a directory
[cloudera@quickstart ~]$ cd pinki
[cloudera@quickstart pinki]$ cd ..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd rupalidirl
-bash: cd: rupalidirl: No such file or directory
[cloudera@quickstart pinki]$ cd ruchi
-bash: cd: ruchi: No such file or directory
[cloudera@quickstart pinki]$ cd ..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd ..
-bash: cd..: command not found
[cloudera@quickstart pinki]$ cd ..
[cloudera@quickstart ~]$ cd rupalidirl
[cloudera@quickstart rupalidirl]$ cd ..
[cloudera@quickstart ~]$ mkdir rupalishukla
[cloudera@quickstart ~]$ cd rupalishukla
[cloudera@quickstart rupalishukla]$
```