

# Hadoop Commands

I have executed and attached the screenshots of the basic Hadoop commands.

```
./hadoop fs -mkdir /Sayali
```

```
./hadoop fs -ls /
```

```
./hadoop fs -rmdir /sayali1
```

```
./hadoop fs -put /home/sayali/doc3 /Sayali
```

```
./hadoop fs -copyFromLocal /home/sayali/doc4 /Sayali
```

```
./hadoop fs -cat /sayali/doc3
```

```
./hadoop fs -tail -f /sayali/doc1
```

```
./hadoop fs -du /Sayali
```

```
./hadoop fs -find /Sayali
```

```
./hadoop fs -getfacl -R /Sayali
```

```
./hadoop fs -head /sayali/doc3
```

```
/hadoop fs -help
```

```
./hadoop fs -stat /Sayali
```

```
./hadoop fs -text /sayali/doc3
```

```
./hadoop fs -find /Sayali
```

```
./hadoop fs -usage find
```

```
./hadoop fs -count /NYSE
```

```
./Hadoop fs -rmr /NYSE
```

```
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -mkdir /sayali3
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -ls /
Found 6 items
drwxr-xr-x - sayali supergroup 0 2019-10-10 18:07 /home
drwxr-xr-x - sayali supergroup 0 2019-10-10 17:48 /sayali
drwxr-xr-x - sayali supergroup 0 2019-10-10 17:53 /sayali1
drwxr-xr-x - sayali supergroup 0 2019-10-10 18:09 /sayali2
drwxr-xr-x - sayali supergroup 0 2019-10-10 18:27 /sayali3
drwxr-xr-x - sayali supergroup 0 2019-10-10 17:51 /user
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -rmdir /sayali2
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -rmdir /sayali3
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -rmdir /home
rmdir: '/home': Directory is not empty
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -rmdir /sayali1
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -ls /
Found 3 items
drwxr-xr-x - sayali supergroup 0 2019-10-10 18:07 /home
drwxr-xr-x - sayali supergroup 0 2019-10-10 17:48 /sayali
drwxr-xr-x - sayali supergroup 0 2019-10-10 17:51 /user
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -get /user/sayali/Desstop/DocumentTrial localfile
get: '/user/sayali/Desstop/DocumentTrial': No such file or directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -get /user/sayali/Desstop/DocumentTrial.txt localfile
get: '/user/sayali/Desstop/DocumentTrial.txt': No such file or directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
```

```
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -put /home/sayali/doc3 /sayali
2019-10-10 20:43:52,191 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -copyFromLocal /home/sayali/doc4 /sayali
2019-10-10 20:48:32,600 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -getmerge /home/sayali/doc4 /sayali
getmerge: '/home/sayali/doc4': No such file or directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -getmerge /home/sayali/ /sayali
getmerge: /sayali (Permission denied)
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -cat /home/sayali/doc4
cat: '/home/sayali/doc4': No such file or directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -cat /sayali/doc3
2019-10-10 20:53:35,318 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false
Hadoop commands trial
Creating the text file to put into directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
```

```
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -moveToLocal /home/sayali/doc1.txt /sayali
moveToLocal: Option '-moveToLocal' is not implemented yet.
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -tail -f /sayalidoc1
tail: '/sayalidoc1': No such file or directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -tail -f /sayali/doc1
2019-10-10 21:02:38,139 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false
Hadoop commands trial
Creating the text file to put into directory
^[[2-
```

```
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -du /sayali
67 67 /sayali/doc1
67 67 /sayali/doc2
67 67 /sayali/doc3
67 67 /sayali/doc4
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -find /sayali
/sayali
/sayali/doc1
/sayali/doc2
/sayali/doc3
/sayali/doc4
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
```

```
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -getfacl -R /sayali
# file: /sayali
# owner: sayali
# group: supergroup
user::rw-
group::r-x
other::r-x

# file: /sayali/doc1
# owner: sayali
# group: supergroup
user::rw-
group::r--
other::r--

# file: /sayali/doc2
# owner: sayali
# group: supergroup
user::rw-
group::r--
other::r--

# file: /sayali/doc3
# owner: sayali
# group: supergroup
user::rw-
group::r--
other::r--

# file: /sayali/doc4
# owner: sayali
# group: supergroup
user::rw-
group::r--
other::r--

sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
```

```
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -head /home/sayali
head: '/home/sayali': Is a directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -head /home/sayali/doc4
head: '/home/sayali/doc4': No such file or directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -head /sayali/doc3
2019-10-10 21:13:54,288 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localhostTrusted = false, remoteHostTrusted = false
Hadoop commands trial
Creating the text file to put into directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
```

```
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -stat /sayali
2019-10-11 03:48:32
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
```

```
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$  
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -text /sayali/doc3  
2019-10-10 21:18:28,469 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localhostTrusted = false, remoteHostTrusted  
= false  
Hadoop commands trial  
Creating the text file to put into directory  
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$
```

```
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$  
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -text /sayali/doc3  
2019-10-10 21:18:28,469 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localhostTrusted = false, remoteHostTrusted  
= false  
Hadoop commands trial  
Creating the text file to put into directory  
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -touch /sayali/doc3  
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -touch /sayali/doc5  
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -find /sayali  
/sayali  
/sayali/doc1  
/sayali/doc2  
/sayali/doc3  
/sayali/doc4  
/sayali/doc5  
sayali@ubuntu:/usr/local/bin/hadoop-3.2.1/bin$
```

```
Activities Terminal
Oct 20 19:13
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -count /NYSE
1 36 511086927 /NYSE
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -count /NYSE/NYSE_daily_prices_A.csv
0 1 40990992 /NYSE/NYSE_daily_prices_A.csv
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -count /NYSE/NYSE_daily_prices_Z.csv
0 1 2093424 /NYSE/NYSE_daily_prices_Z.csv
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
```

```
Activities Terminal
Oct 20 19:52
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -ls /
Found 18 items
drwxr-xr-x - sayali supergroup 0 2019-10-20 13:23 /AccessLog
drwxr-xr-x - sayali supergroup 0 2019-10-20 01:24 /NYSE
drwxr-xr-x - sayali supergroup 0 2019-10-20 14:18 /accesslog
drwxr-xr-x - sayali supergroup 0 2019-10-20 14:25 /accesslog1
drwxr-xr-x - sayali supergroup 0 2019-10-20 14:28 /accesslog2
drwxr-xr-x - sayali supergroup 0 2019-10-20 14:31 /accesslog3
drwxr-xr-x - sayali supergroup 0 2019-10-20 01:29 /maxStockPrice
drwxr-xr-x - sayali supergroup 0 2019-10-20 11:05 /maxStockPrice10
drwxr-xr-x - sayali supergroup 0 2019-10-20 11:08 /maxStockPrice11
drwxr-xr-x - sayali supergroup 0 2019-10-20 11:12 /maxStockPrice12
drwxr-xr-x - sayali supergroup 0 2019-10-20 09:33 /maxStockPrice3
drwxr-xr-x - sayali supergroup 0 2019-10-20 09:36 /maxStockPrice4
drwxr-xr-x - sayali supergroup 0 2019-10-20 09:48 /maxStockPrice5
drwxr-xr-x - sayali supergroup 0 2019-10-20 10:02 /maxStockPrice6
drwxr-xr-x - sayali supergroup 0 2019-10-20 10:04 /maxStockPrice7
drwxr-xr-x - sayali supergroup 0 2019-10-20 10:31 /maxStockPrice8
drwxr-xr-x - sayali supergroup 0 2019-10-20 10:45 /maxStockPrice9
drwx----- - sayali supergroup 0 2019-10-20 01:24 /tmp
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -rm /accesslog
rm: '/accesslog': Is a directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -rmdir /accesslog
rmdir: '/accesslog': Directory is not empty
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -rmr /accesslog
rmr: DEPRECATED: Please use '-rm -r' instead.
Deleted /accesslog
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$ ./hadoop fs -rm -r /accesslog
rm: '/accesslog': No such file or directory
sayali@ubuntu: /usr/local/bin/hadoop-3.2.1/bin$
```