

HDFS Commands:

1. ls:

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ ls  
copyfromhadoop Documents example.txt hdata MergeFile Public test1  
copysample Downloads hadoop localfile1 Music snap Videos  
Desktop examples.desktop hadoop-3.1.2 localfile2 Pictures Templates  
dataflair@admin1-All-Series:~$ hadoop fs -moveFromLocal ~/test1 /  
dataflair@admin1-All-Series:~$
```

2. moveFromLocal:

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ ls  
copyfromhadoop Documents example.txt hdata MergeFile Public test1  
copysample Downloads hadoop localfile1 Music snap Videos  
Desktop examples.desktop hadoop-3.1.2 localfile2 Pictures Templates  
dataflair@admin1-All-Series:~$ hadoop fs -moveFromLocal ~/test1 /  
dataflair@admin1-All-Series:~$
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copysample Downloads hadoop localfile1 Music snap  
Desktop examples.desktop hadoop-3.1.2 localfile2 Pictures Templates  
dataflair@admin1-All-Series:~$
```

3. tail:

```
dataflair@admin1-All-Series: ~
File Edit View Search Terminal Help
dataflair@admin1-All-Series:~$ hadoop fs -tail /dataflair/test
l experience to learners through our expert instructors. We will strive to continuously upgrade our offerin
gs ensuring that we can cover all technologies and courses are up-to-date with the latest industry needs.

Data Flair
Walking with the crowd is good. But performing outstanding in the crowd is what makes you different. This i
s what DataFlair aims to make its students.

We continuously work hard to bring you the best trainers to enable your smooth learning at your home as per
your convenience. This is the reason why most of the DataFlair students get placed in top MNCs in Big Data
just after the training.

DataFlair team comprises of trainers who are experts in their relevant technologies and are selected after
many rounds of interviews, content team that continuously works hard to provide quality content to the read
ers, Marketing team that work hand in hand with other teams to make the content reaches the right audience
and HR team that work to extend the team and to provide a healthy work environment.
```

4. rm:

```
dataflair@admin1-All-Series: ~
File Edit View Search Terminal Help
dataflair@admin1-All-Series:~$ hadoop fs -ls /
Found 4 items
drwxr-xr-x - dataflair supergroup 0 2020-01-29 11:12 /DataFlair
drwxr-xr-x - dataflair supergroup 0 2020-01-29 10:39 /dataflair
-rw-r--r-- 1 dataflair supergroup 0 2020-01-29 11:14 /new
drwxr-xr-x - dataflair supergroup 0 2020-01-29 10:57 /newDataFlair
dataflair@admin1-All-Series:~$ hadoop fs -rm /new
Deleted /new
dataflair@admin1-All-Series:~$
```

5. expunge:

```
dataflair@admin1-All-Series: ~
File Edit View Search Terminal Help
dataflair@admin1-All-Series:~$ hadoop fs -expunge
dataflair@admin1-All-Series:~$
```

6. chown:

```
dataflair@admin1-All-Series: ~
File Edit View Search Terminal Help
dataflair@admin1-All-Series:~$ hadoop fs -ls /
Found 5 items
drwxr-xr-x - dataflair newgroup 0 2020-01-29 14:16 /DataFlair
drwxr-xr-x - dataflair supergroup 0 2020-01-29 14:42 /dataflair
drwxr-xr-x - dataflair supergroup 0 2020-01-29 11:30 /newDataFlair
-rw-r--r-- 1 dataflair supergroup 0 2020-01-29 17:31 /sample
--w----- 1 dataflair supergroup 0 2020-01-29 17:17 /testfile
dataflair@admin1-All-Series:~$ hadoop fs -chown newdataflair /sample
dataflair@admin1-All-Series:~$
```

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ hadoop fs -ls /  
Found 5 items  
drwxr-xr-x - dataflair newgroup          0 2020-01-29 14:16 /DataFlair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 14:42 /dataflair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 11:30 /newDataFlair  
-rw-r--r-- 1 dataflair supergroup         0 2020-01-29 17:31 /sample  
-w----- 1 dataflair supergroup         0 2020-01-29 17:17 /testfile  
dataflair@admin1-All-Series:~$ hadoop fs -chown newdataflair /sample  
dataflair@admin1-All-Series:~$ hadoop fs -ls /  
Found 5 items  
drwxr-xr-x - dataflair newgroup          0 2020-01-29 14:16 /DataFlair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 14:42 /dataflair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 11:30 /newDataFlair  
-rw-r--r-- 1 newdataflair supergroup      0 2020-01-29 17:31 /sample  
-w----- 1 dataflair supergroup         0 2020-01-29 17:17 /testfile  
dataflair@admin1-All-Series:~$
```

7. chgrp:

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ hadoop fs -ls /  
Found 4 items  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 14:16 /DataFlair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 14:42 /dataflair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 11:30 /newDataFlair  
-rw-r--r-- 1 dataflair supergroup      10503575 2020-01-29 15:22 /sample.zip  
dataflair@admin1-All-Series:~$ hadoop fs -chgrp newgroup /sample.zip  
dataflair@admin1-All-Series:~$
```

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ hadoop fs -ls /  
Found 4 items  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 14:16 /DataFlair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 14:42 /dataflair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 11:30 /newDataFlair  
-rw-r--r-- 1 dataflair supergroup      10503575 2020-01-29 15:22 /sample.zip  
dataflair@admin1-All-Series:~$ hadoop fs -chgrp newgroup /sample.zip  
dataflair@admin1-All-Series:~$ hadoop fs -ls /  
Found 4 items  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 14:16 /DataFlair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 14:42 /dataflair  
drwxr-xr-x - dataflair supergroup         0 2020-01-29 11:30 /newDataFlair  
-rw-r--r-- 1 dataflair newgroup      10503575 2020-01-29 15:22 /sample.zip  
dataflair@admin1-All-Series:~$
```

8. setrep:

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ hadoop fs -setrep 2 /newDataFlair/sample  
Replication 2 set: /newDataFlair/sample  
dataflair@admin1-All-Series:~$
```

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ hadoop fs -setrep 2 /newDataFlair  
Replication 2 set: /newDataFlair/copytest  
Replication 2 set: /newDataFlair/file1  
Replication 2 set: /newDataFlair/sample  
dataflair@admin1-All-Series:~$
```

9. du:

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ hadoop fs -du -s /newDataFlair/file1  
0 0 /newDataFlair/file1  
dataflair@admin1-All-Series:~$
```

10. df:

```
dataflair@admin1-All-Series: ~  
File Edit View Search Terminal Help  
dataflair@admin1-All-Series:~$ hadoop fs -df  
Filesystem      Size      Used    Available  Use%  
hdfs://localhost:9000  982900588544  10665984  919433162752    0%  
dataflair@admin1-All-Series:~$ hadoop fs -df -h  
Filesystem      Size      Used    Available  Use%  
hdfs://localhost:9000  915.4 G   10.2 M   856.3 G     0%  
dataflair@admin1-All-Series:~$
```