File Handling Commands Used in Hadoop

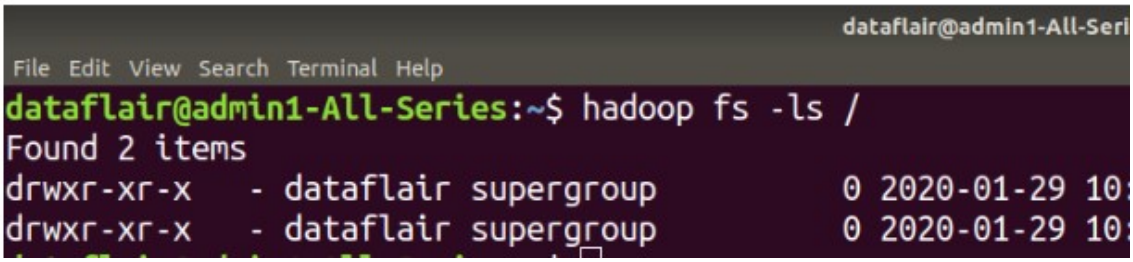
Assignment No : 2

Name : Achal Rajesh Mate
Roll No : 2203541
Enroll No : MITU20BTCSD001
Class : LY – CSE – IS - 3

Aim : File Management using Hadoop

1. **LS**

   The Hadoop fs shell command ls displays a list of the contents of a directory specified in the path provided by the user. It shows the name, permissions, owner, size, and modification date for each file or directories in the specified directory.



2. **Mkdir**

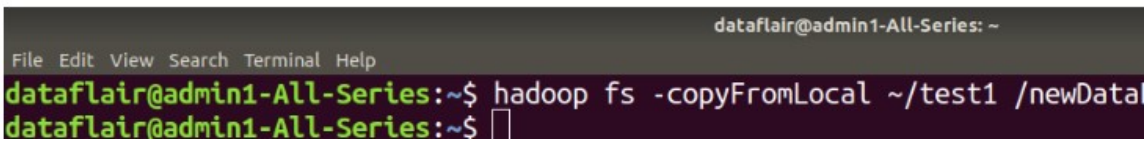
   This command creates the directory in HDFS if it does not already exist

3. **Put**

   The Hadoop fs shell command put is similar to the copyFromLocal, which copies files or directory from the local filesystem to the destination in the Hadoop filesystem.

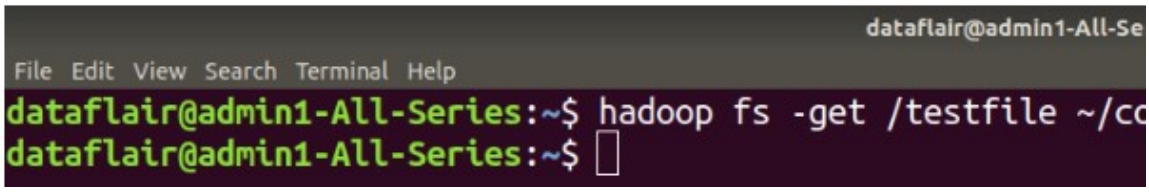
4. **CopyFromLocal**

   This command copies the file from the local file system to HDFS



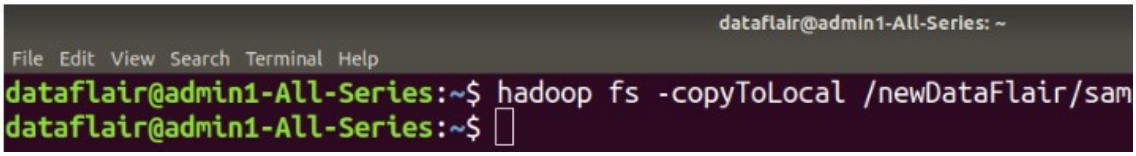
5. **Get**

The Hadoop fs shell command get copies the file or directory from the Hadoop file system to the local file system.



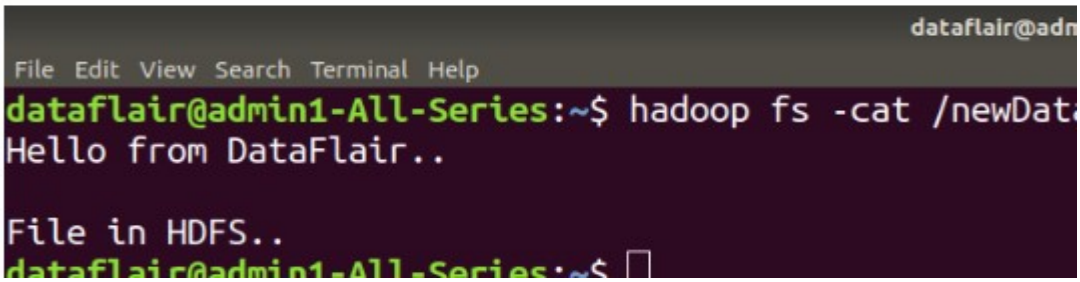
6. **CopyToLocal**

copyToLocal command copies the file from HDFS to the local file system



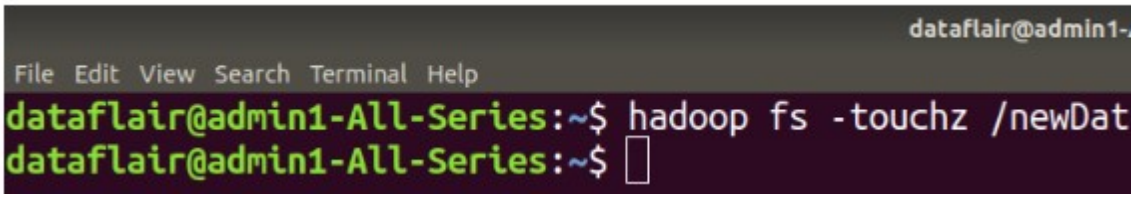
7. **Cat**

The cat command reads the file in HDFS and displays the content of the file on console or stdout.



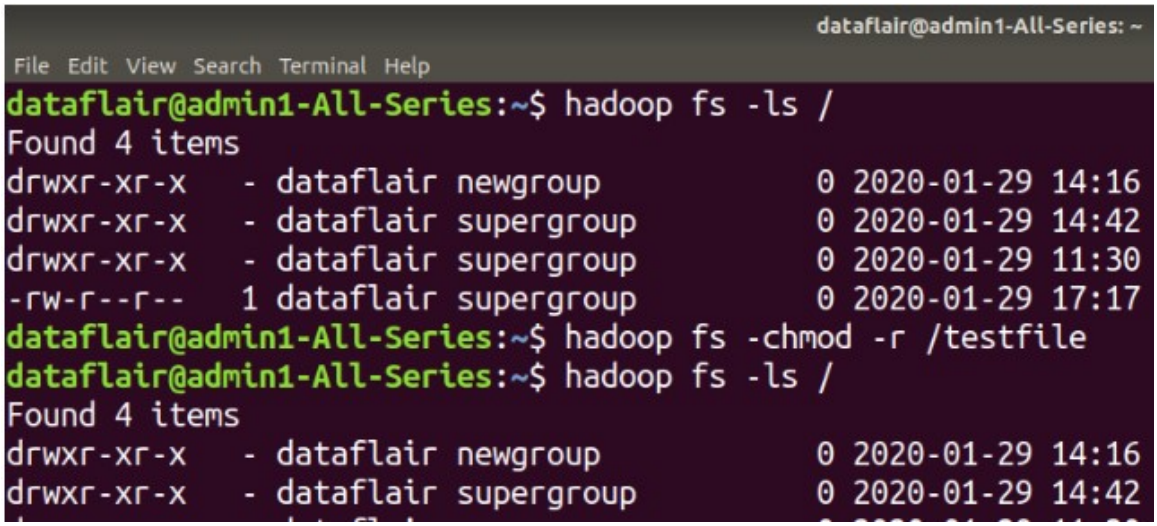
8. **Touchz**

touchz command creates a file in HDFS with file size equals to 0 byte. The directory is the name of the directory where we will create the file, and filename is the name of the new file we are going to create.



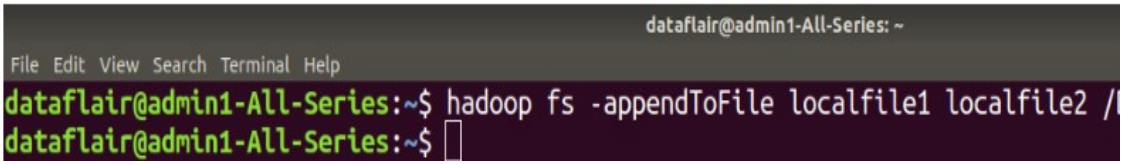
9. **Chmod**

The Hadoop fs shell command chmod changes the permissions of a file. The -R option recursively changes files permissions through the directory structure.
The user must be the owner of the file or superuser



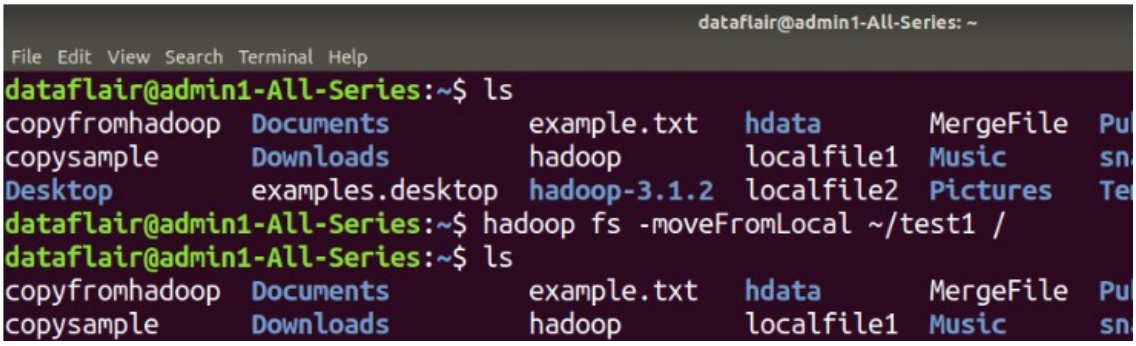
10. **appendTofile**

    The HDFS fs shell command appendToFile appends the content of single or multiple local files specified in the localsrc to the provided destination file on the HDFS.
    The destination file gets created if it does not exist earlier.



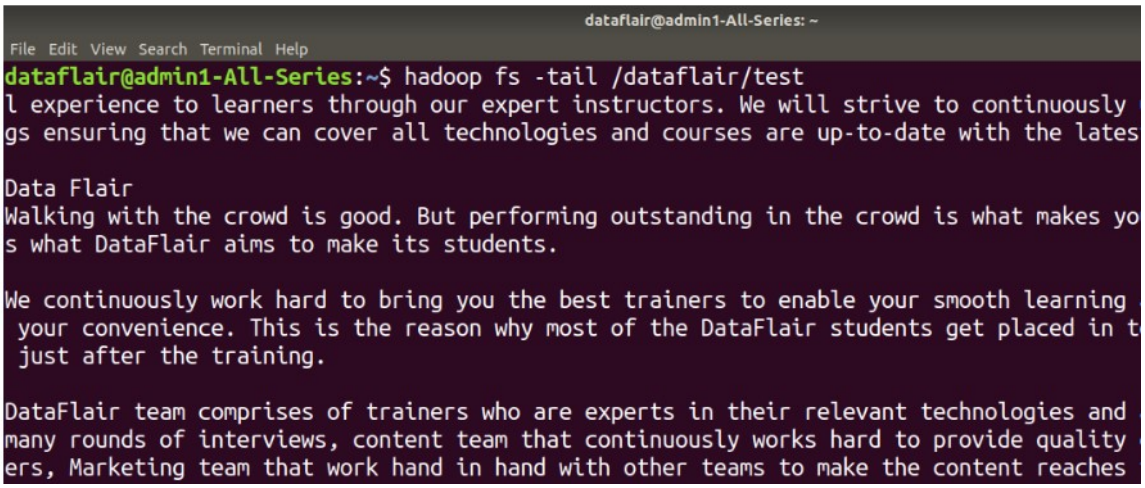
11. **moveFromLocal**

    The Hadoop fs shell command moveFromLocal moves the file or directory from the local filesystem to the destination in Hadoop HDFS.



12. **Tail**

    The Hadoop fs shell tail command shows the last 1KB of a file on console or stdout.


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
gs ensuring that we can cover all technologies and courses are up-to-date with the lates
Data Flair
Walking with the crowd is good. But performing outstanding in the crowd is what makes yo
s what DataFlair aims to make its students.
We continuously work hard to bring you the best trainers to enable your smooth learning
your convenience. This is the reason why most of the DataFlair students get placed in t
just after the training.
DataFlair team comprises of trainers who are experts in their relevant technologies and
many rounds of interviews, content team that continuously works hard to provide quality
ers, Marketing team that work hand in hand with other teams to make the content reaches