**HADOOP SHELL COMMANDS**

**Use *hdfs dfs* instead of *Hadoop fs* for Hadoop 3.2.1**

Create a directory in HDFS

* hadoop fs -mkdir /user/pg/dir1

List the content of a directory

* hadoop fs -ls /user/pg

Upload and download a file in HDFS

* hadoop fs -put /home/pg/file.txt /user/pg/datadir/
* hadoop fs -get /user/pg/datadir/file.txt /home/

Look at the content of a file

* Hadoop fs -cat /user/pg/datadir/book.txt

Delete temp.txt from the “retail” directory using a wildcard.

* hadoop fs -rm /user/NIM/hadoop/retail/temp.txt

Delete all files from the “retail” directory using a wildcard.

* hadoop fs -rm /user/NIM/hadoop/retail/\*

Finally, remove the entire retail directory and all of its contents in HDFS.

* hadoop fs -rmr /user/NIM/hadoop/retail

Add the purchases.txt file from the local directory named “/home/user/” to the hadoop directory you created in HDFS

* hadoop fs -copyFromLocal /home/user/purchases.txt /user/NIM/hadoop/

To view the contents of your text file purchases.txt which is present in your Hadoop directory.

* hadoop fs -cat /user/NIM/hadoop/purchases.txt

Add the purchases.txt file from “hadoop” directory which is present in HDFS directory to the directory “data” which is present in your local directory

* hadoop fs -copyToLocal /user/NIM/hadoop/purchases.txt /home/user/data

cp is used to copy files between directories present in HDFS

* hadoop fs -cp /user/NIM/\*.txt /user/NIM/hadoop

Default file permissions are 666 in HDFS Use ‘-chmod’ command to change permissions of a file

* hadoop fs -ls /user/NIM/hadoop/purchases.txt  
  hadoop fs -chmod 600 /user/NIM/hadoop/purchases.txt

Use ‘-chown’ to change owner name and group name simultaneously

* hadoop fs -ls /user/NIM/hadoop/purchases.txt  
  hadoop fs -chown root:root /user/NIM/hadoop/purchases.txt

Move a directory from one location to other

* hadoop fs -mv /user/NIM/hadoop /user/apache\_hadoop