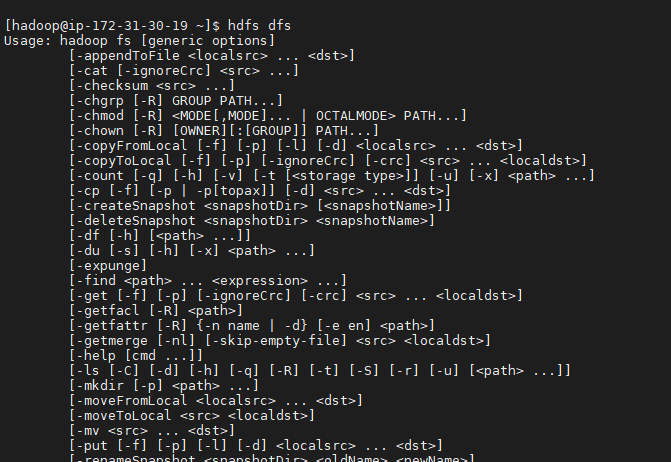
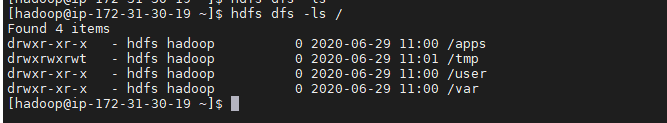
# To become familiar with how files are added to and removed from HDFS and how to view files in HDFS

\*\*The hdfs dfs command to view the usage of hdfs\*\*



\*\*Run the -ls command to view the contents of the user’s root directory in HDFS, which is /user/root\*\*

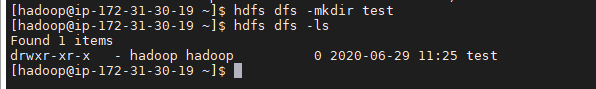




\*\*Create a directory named test in HDFS:\*\*

dfs\_fs1] ![C:\Users\admin\Pictures\Screenshots\Screenshot (266).png

c. Verify that the folder was created successfully:



\*\*Create a couple of subdirectories for test:\*\*

C:\Users\admin\Pictures\Screenshots\Screenshot (285).png

\*\*To recursively view the contents of a folder, use -ls -R:\*\*

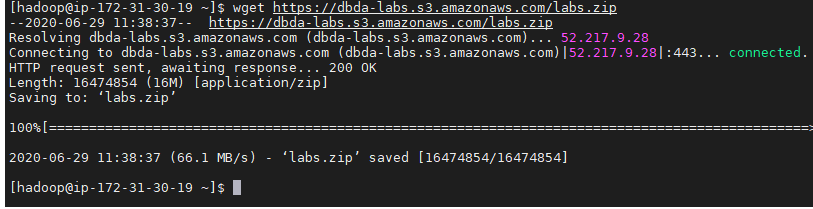
C:\Users\admin\Pictures\Screenshots\Screenshot (268).png

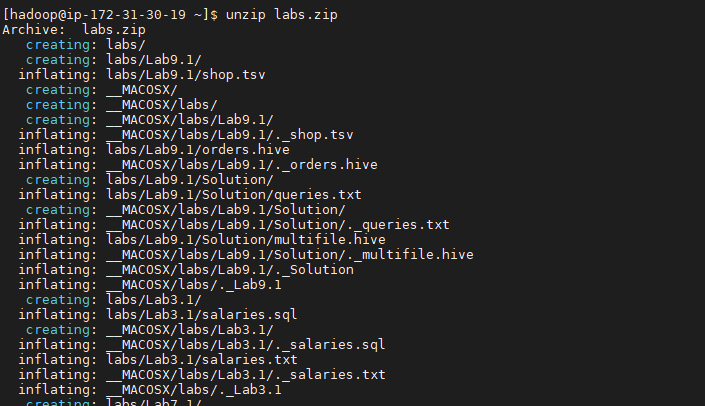
\*\*Delete a Directory means delete the test2 folder (and recursively, its subcontents) using the -rm -R

command:\*\*

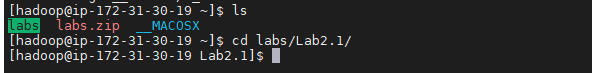
C:\Users\admin\Pictures\Screenshots\Screenshot (269).png

\*\*Upload a File to HDFS:\*\*

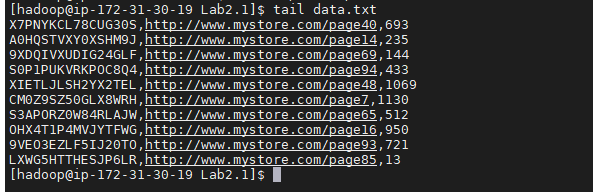




a.Now let’s put a file into the test folder. Change directories to  /root/devph/labs/Lab2.1:



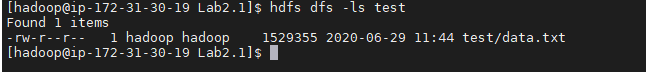
b. Notice this folder contains a file named data.txt:



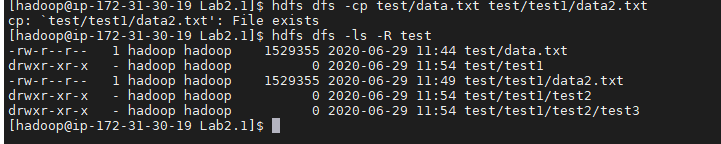
c. Run the following -put command to copy data.txt into the test folder in HDFS:

C:\Users\admin\Pictures\Screenshots\Screenshot (282).png

d. Verify that the file is in HDFS by listing the contents of test:



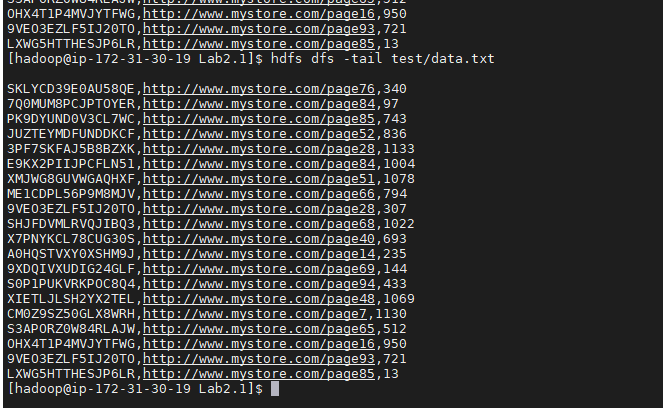
\*\*5 ) Copy a File in HDFS :\*\*



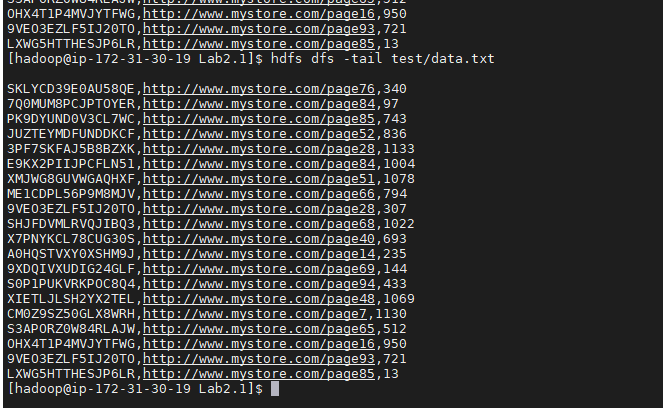
\*Now delete the data2.txt file using the -rm command: \*

C:\Users\admin\Pictures\Screenshots\Screenshot (287).png

\*\*View the Contents of a File in HDFS:\*\*

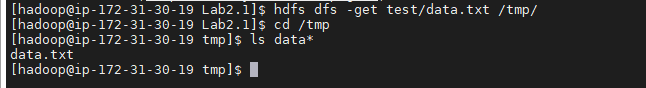


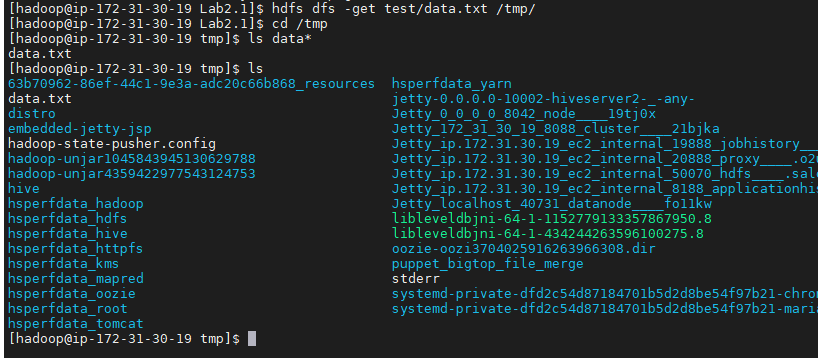
\*\*tail command to view the end of a file:\*\*



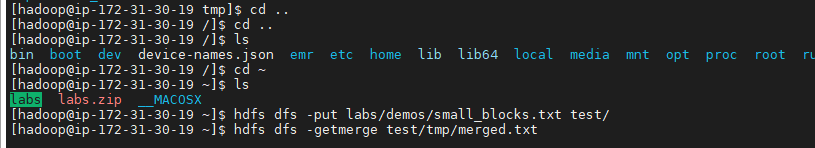
\*\*Getting a File from HDFS:\*\*

C:\Users\admin\Pictures\Screenshots\Screenshot (290).png





\*\* The getmerge Command:\*\*



\*\* Specify the Block Size and Replication Factor :\*\*

a. Put /root/devph/labs/Lab2.1/data.txt into /user/root in HDFS, giving it a  blocksize of 1,048,576 bytes.

C:\Users\admin\Pictures\Screenshots\Screenshot (300).png

b. Run the following fsck command on data.txt:

