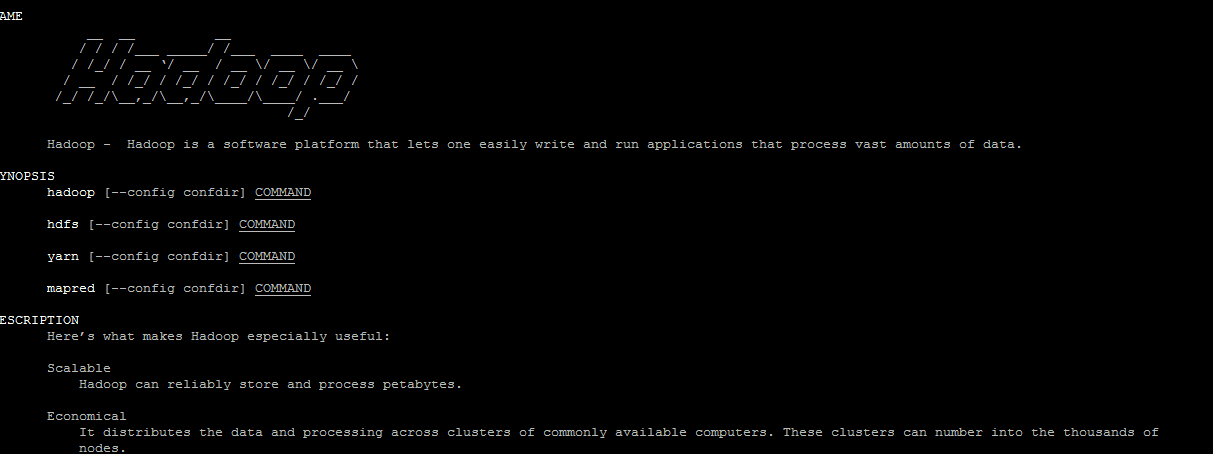
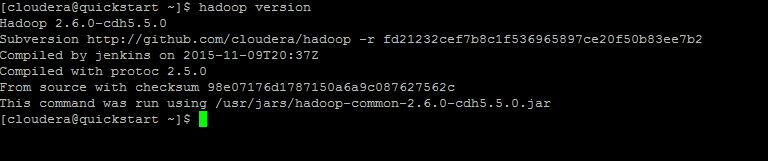
**HDFS LAB**

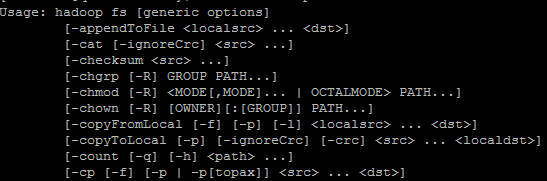
man hdfs



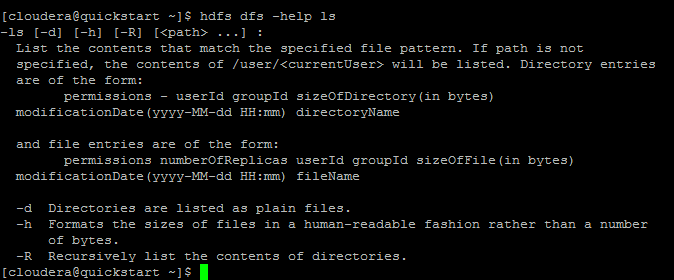
hadoop version



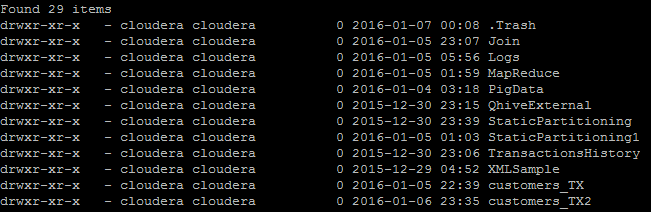
hdfs dfs –help



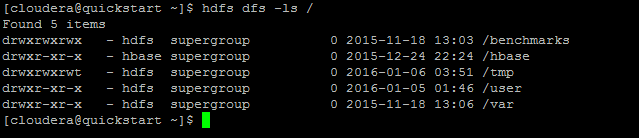
hdfs dfs -help ls



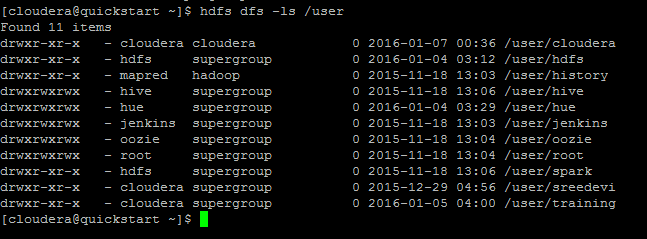
hdfs dfs –ls



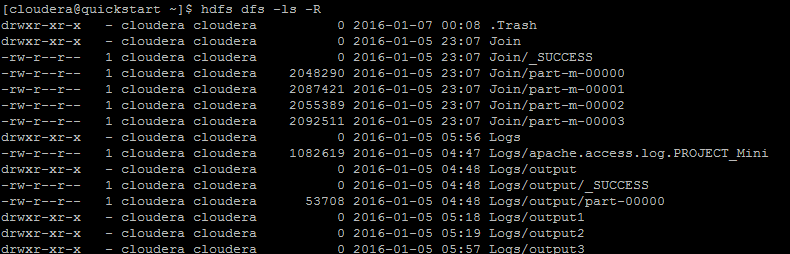
hdfs dfs -ls /



hdfs dfs -ls /user



hdfs dfs -ls –R



hdfs dfs –mkdir hdfsPractice

mkdir hdfsPractice

cd hdfsPractice

Use WinSCP to move data provided.

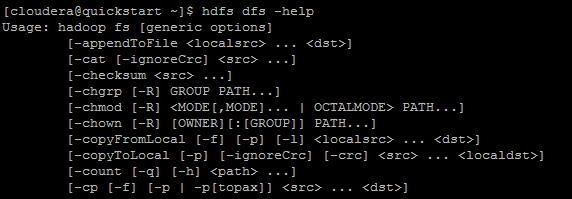
ls



cd Data

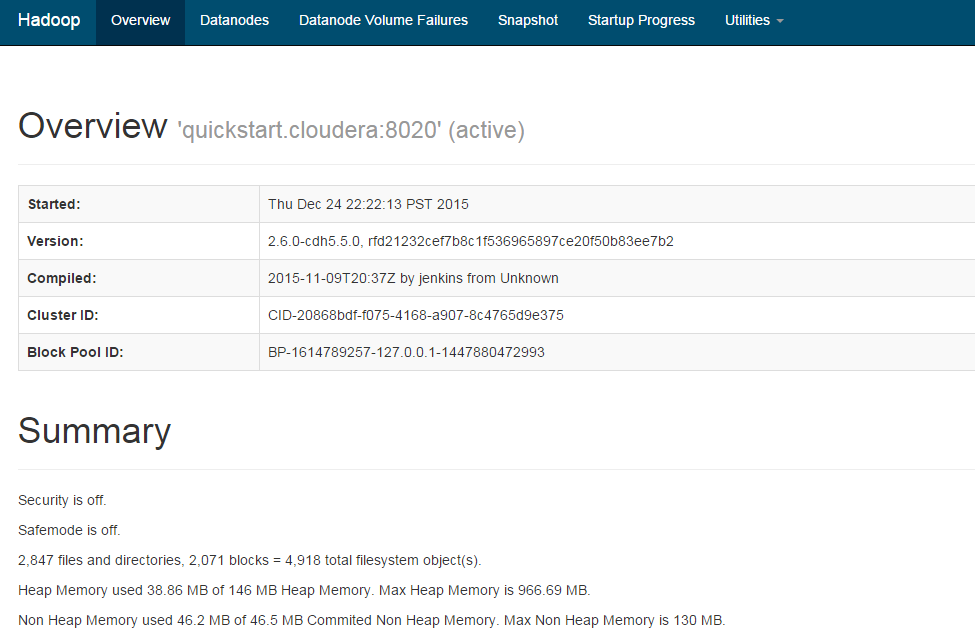
cd Logs

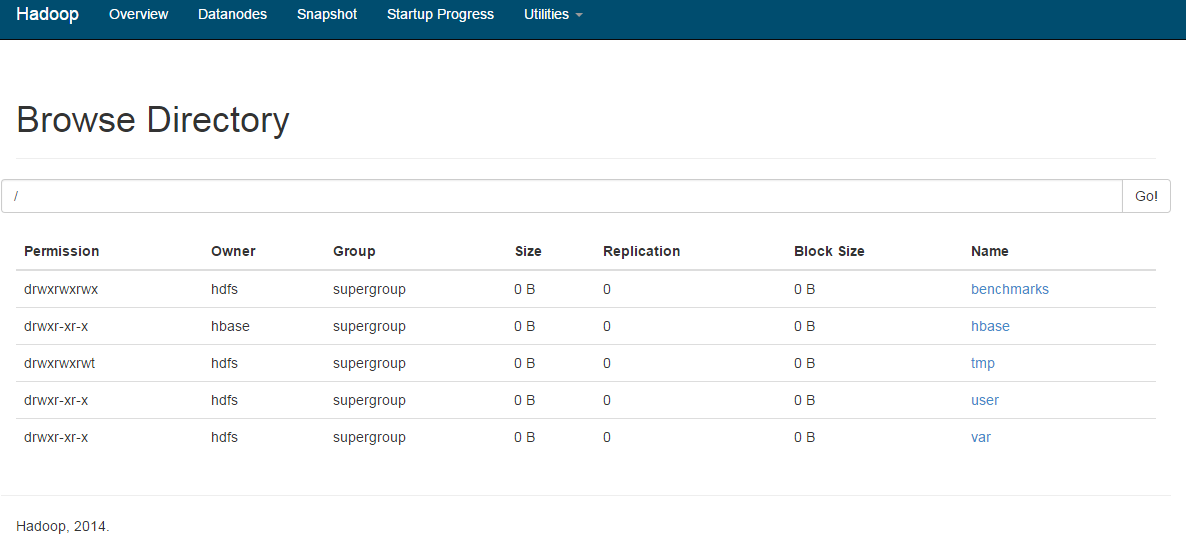
hdfs dfs –help



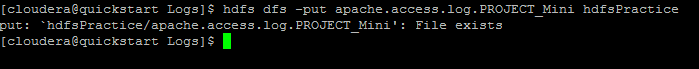
hdfs dfs -put apache.access.log.PROJECT\_MinihdfsPractice

Web Interface



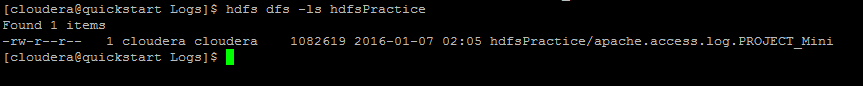


hdfs dfs -put apache.access.log.PROJECT\_MinihdfsPractice

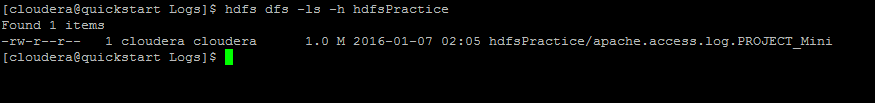


hdfs dfs -put -f apache.access.log.PROJECT\_MinihdfsPractice

hdfs dfs –ls hdfsPractice



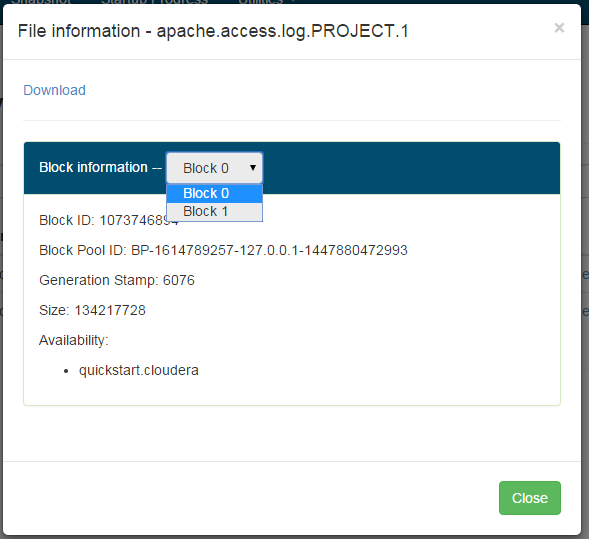
hdfs dfs -ls -h hdfsPractice



cat apache.access.log.PROJECT> apache.access.log.PROJECT.1

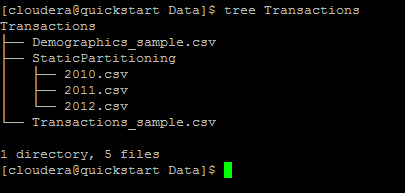
cat apache.access.log.PROJECT>> apache.access.log.PROJECT.1

hdfs dfs -copyFromLocal apache.access.log.PROJECT.1 hdfsPractice



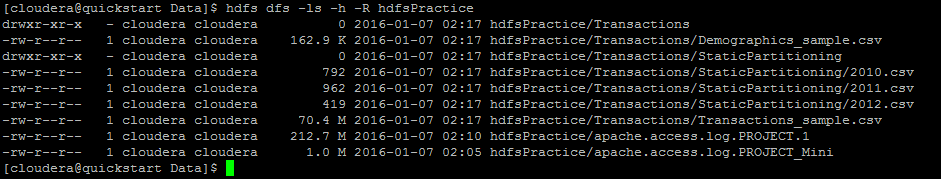
cd..

tree Transactions



hdfs dfs -put Transactions hdfsPractice

hdfs dfs -ls -h -R hdfsPractice

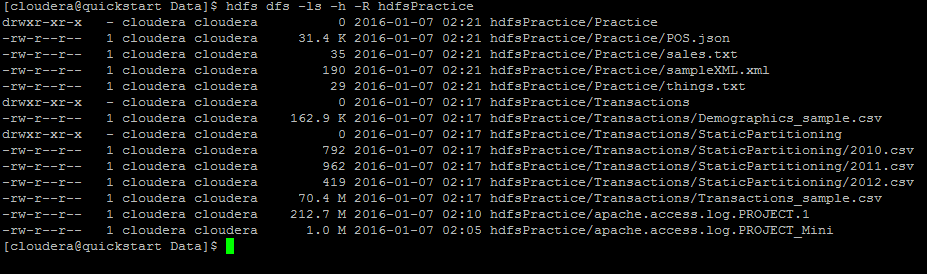


hdfs dfs -moveFromLocal Practice hdfsPractice

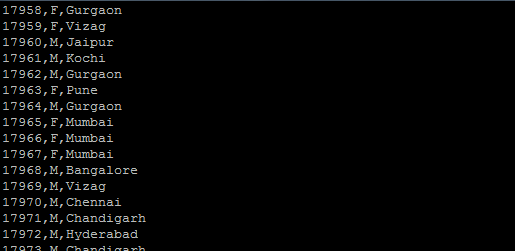
ls



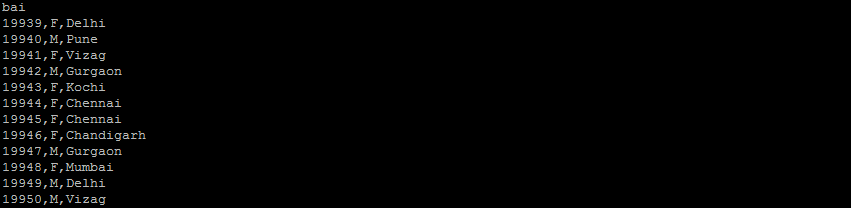
hdfs dfs -ls -h -R hdfsPractice



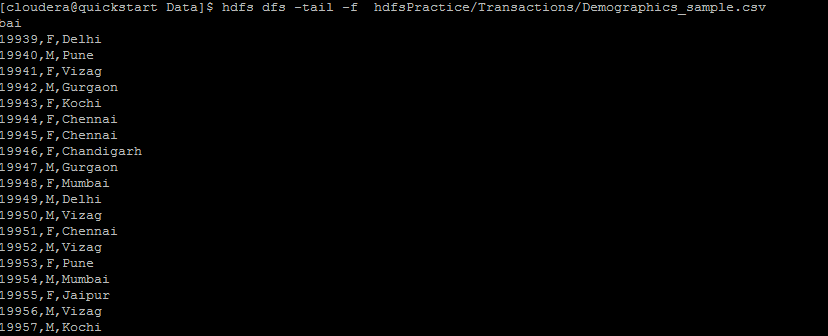
hdfs dfs -cat hdfsPractice/Transactions/Demographics\_sample.csv



hdfs dfs -tail hdfsPractice/Transactions/Demographics\_sample.csv



hdfs dfs -tail -f hdfsPractice/Transactions/Demographics\_sample.csv



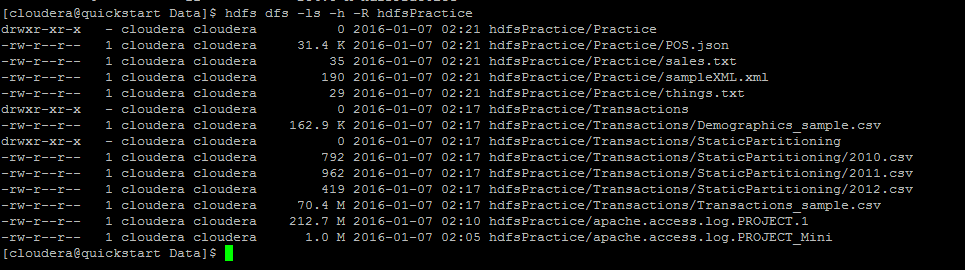
hdfs dfs -count hdfsPractice



hdfs dfs -count -h hdfsPractice



hdfs dfs -ls -h -R hdfsPractice



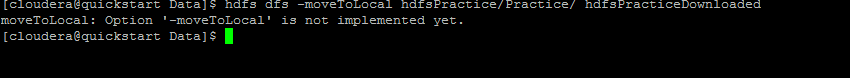
hdfs dfs –copyToLocal hdfsPractice/Practice/things.txt ./things\_local.txt

hdfs dfs –copyToLocal hdfsPractice/Practice/things.txt ./things\_local.txt

mkdir hdfsPracticeDownloaded

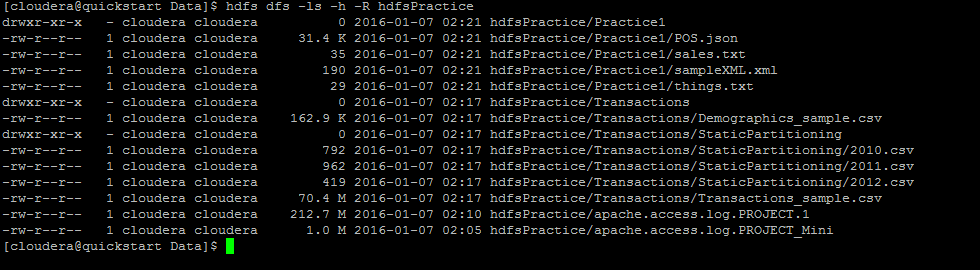
hdfs dfs -get hdfsPractice/Practice/ hdfsPracticeDownloaded

hdfs dfs –moveToLocal hdfsPractice/Practice/ hdfsPracticeDownloaded



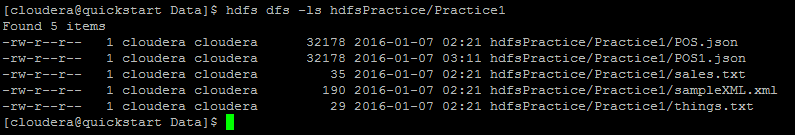
hdfs dfs -mv hdfsPractice/Practice hdfsPractice/Practice1

hdfs dfs -ls -h -R hdfsPractice



hdfs dfs –cp hdfsPractice/Practice1/POS.json hdfsPractice/Practice1/POS1.json

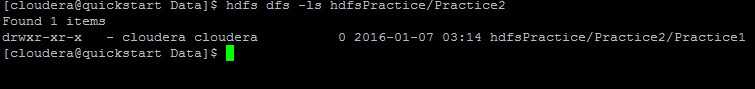
hdfs dfs –ls hdfsPractice/Practice1



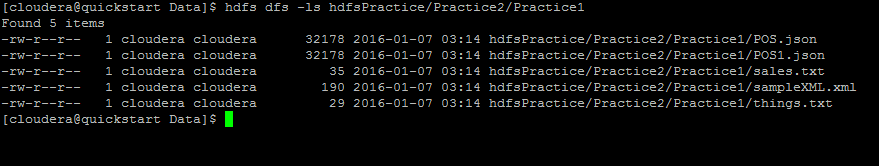
hdfs dfs –mkdir hdfsPractice/Practice2

hdfs dfs –cp hdfsPractice/Practice1 hdfsPractice/Practice2

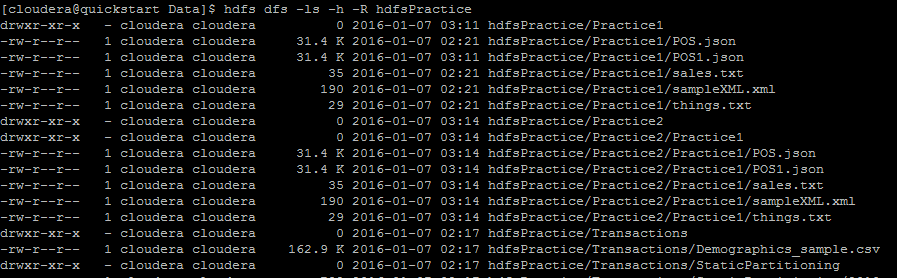
hdfs dfs –ls hdfsPractice/Practice2



hdfs dfs –ls hdfsPractice/Practice2/Practice1

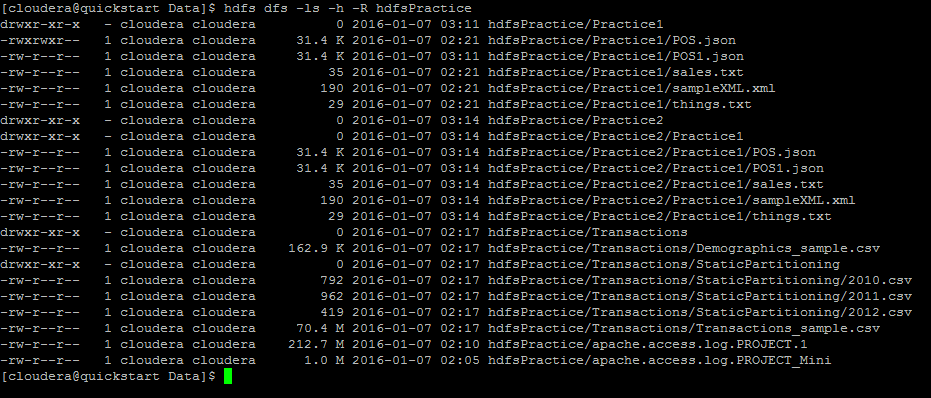


hdfs dfs -ls -h -R hdfsPractice



hdfs dfs -chmod 774 hdfsPractice/Practice1/POS.json

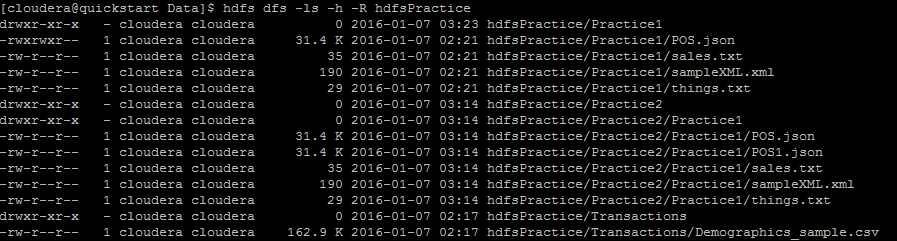
hdfs dfs -ls -h -R hdfsPractice



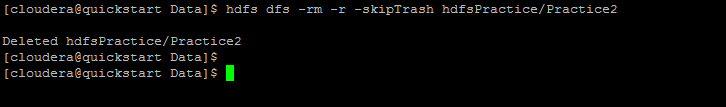
hdfs dfs -rm -skipTrash hdfsPractice/Practice1/POS1.json



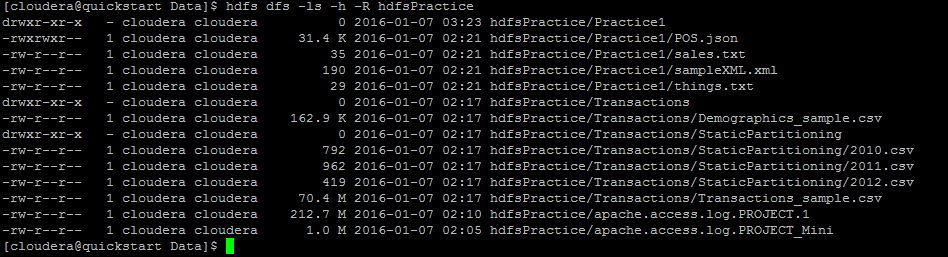
hdfs dfs -ls -h -R hdfsPractice



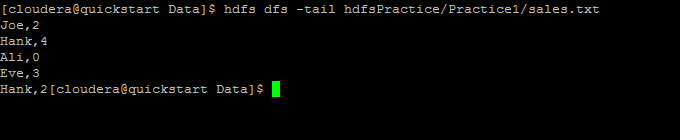
hdfs dfs -rm -r –skipTrash hdfsPractice/Practice2



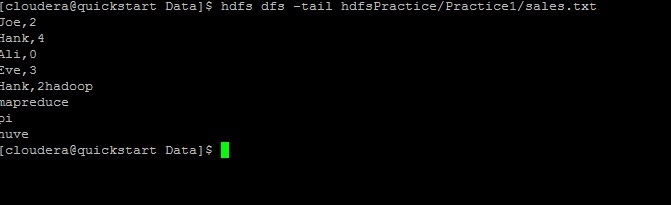
hdfs dfs -ls -h -R hdfsPractice



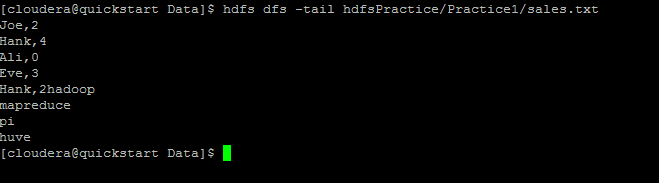
hdfs dfs -tail hdfsPractice/Practice1/sales.txt



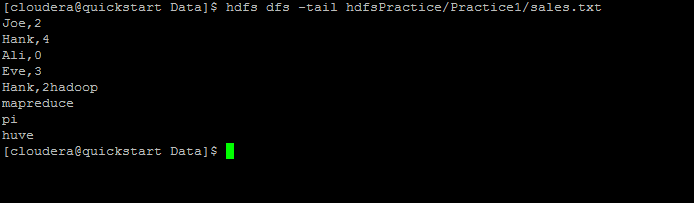
hdfs dfs -appendToFile - hdfsPractice/Practice1/sales.txt



hdfs dfs -tail hdfsPractice/Practice1/sales.txt

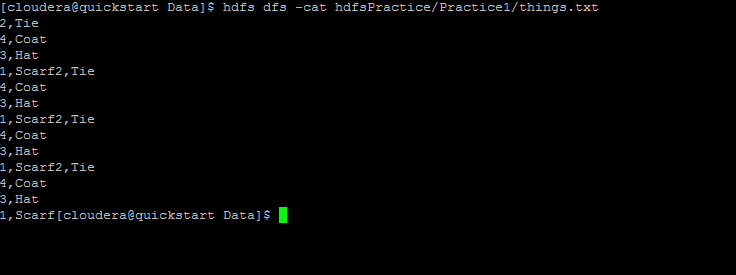


hdfs dfs -tail hdfsPractice/Practice1/sales.txt

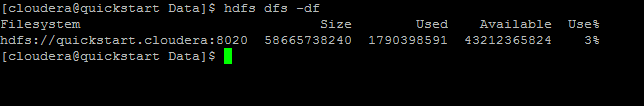


hdfs dfs -appendToFile things\_local.txt hdfsPractice/Practice1/things.txt

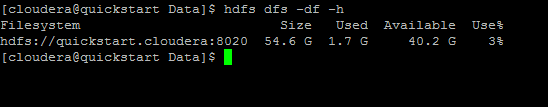
hdfs dfs -cat hdfsPractice/Practice1/things.txt



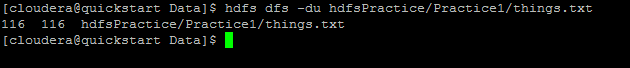
hdfs dfs –df



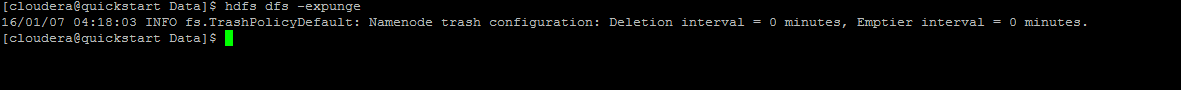
hdfs dfs -df –h



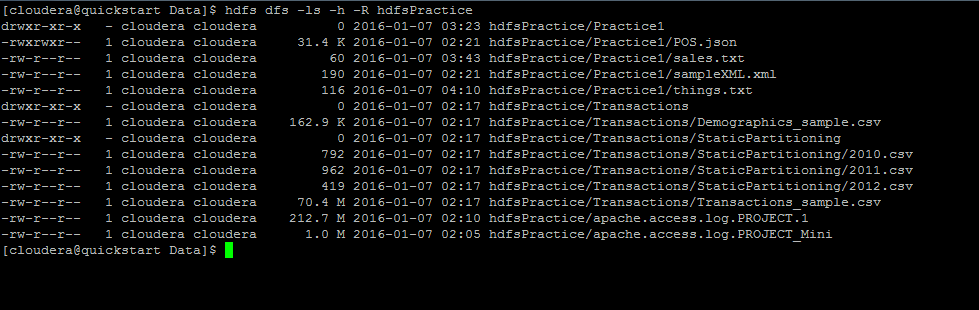
hdfs dfs -du hdfsPractice/Practice1/things.txt



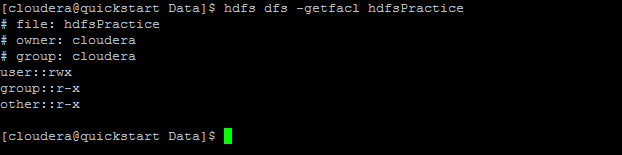
hdfs dfs –expunge



hdfs dfs -ls -h -R hdfsPractice



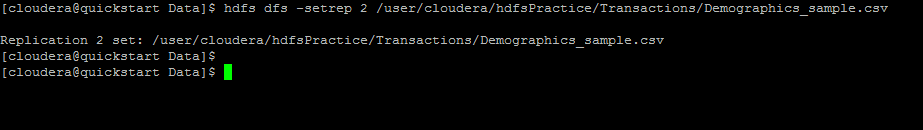
hdfs dfs –getfacl hdfsPractice



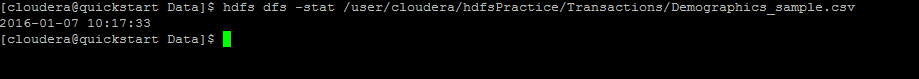
hdfs dfs -getfacl -R hdfsPractice



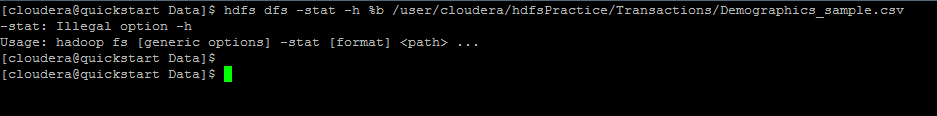
hdfs dfs -setrep 2 /user/cloudera/hdfsPractice/Transactions/Demographics\_sample.csv



hdfs dfs -stat /user/cloudera/hdfsPractice/Transactions/Demographics\_sample.csv



hdfs dfs -stat -h %b /user/cloudera/hdfsPractice/Transactions/Demographics\_sample.csv



hdfs dfs -usage ls

