Big Data Hadoop sample code

HDFS is the primary or major component of the Hadoop ecosystem which is responsible for storing large data sets of structured or unstructured data across various nodes and thereby maintaining the metadata in the form of log files.

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LOCAL FILE SYSTEM

1. ls
2. mkdir
3. Cp
4. Mv
5. rm

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LISTING ROOT DIRECTORY

hadoop fs -ls /

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LISTING DEFAULT TO HOME DIRECTORY

hadoop fs -ls

hadoop fs -ls /user/hirwuser150430

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CREATE A DIRECTORY IN HDFS

hadoop fs -mkdir hadoop-test1

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COPY FROM LOCAL FS TO HDFS

hadoop fs -copyFromLocal /hirw-starterkit/hdfs/commands/dwp-payments-april10.csv hadoop-test1

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COPY TO HDFS TO LOCAL FS

hadoop fs -copyToLocal hadoop-test1/dwp-payments-april10.csv .

hadoop fs -ls hadoop-test1

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CREATE 2 MORE DIRECTORIES

hadoop fs -mkdir hadoop-test2

hadoop fs -mkdir hadoop-test3

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COPY A FILE FROM ONE FOLDER TO ANOTHER

hadoop fs -cp hadoop-test1/dwp-payments-april10.csv hadoop-test2