Homework Assignment 1

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1. Work *Example 3-3* on Amazon Elastic MapReduce. Type out all the commands in each step of the process and print out a screenshot of the final results in Amazon EMR.

List of Commands

javac -cp src/:hadoop-common-2.6.1.jar:hadoop-mapreduce-client-core-2.6.1.jar:commons-cli-2.0.jar -d . FileSystemDoubleCat.java

jar -cvf FileSystemDoubleCat.jar FileSystemDoubleCat.class

hdfs dfs -mkdir /user/hadoop/input

hdfs dfs -ls /user/hadoop

hdfs dfs -copyFromLocal quangle.txt.

hadoop jar FileSystemDoubleCat.jar FileSystemDoubleCat /user/hadoop/quangle.txt /user/hadoop/output

OR

hadoop FileSystemDoubleCat s3://gt4789pro1/input/quangle.txt

But his face you could not see, On account of his Beaver Hat. [hadoop@ip-172-31-1-33 ~]\$ 2. Work *Example 3-4* on Amazon Elastic MapReduce. Type out all the commands in each step of the process and print out a screenshot of the final results (showing the file directory) in Amazon EMR.

List of Commands

javac -cp src/:hadoop-common-2.6.1.jar:hadoop-mapreduce-client-core-2.6.1.jar:commons-cli-2.0.jar -d . FileCopyWithProgress.java

jar -cvf FileCopyWithProgress.jar FileCopyWithProgress.class

hdfs dfs –mkdir /user/hadoop/input (folder already exists from Example 3-3)

hdfs dfs -copyFromLocal 1400-8.txt.

hadoop jar FileCopyWithProgress.jar FileCopyWithProgress /home/hadoop/1400-8.txt /home/hadoop/output4

hadoop FileCopyWithProgress 1400-8.txt s3://chapter3-3-4/output/1400-8.txt

