Hadoop WordCount Assignment

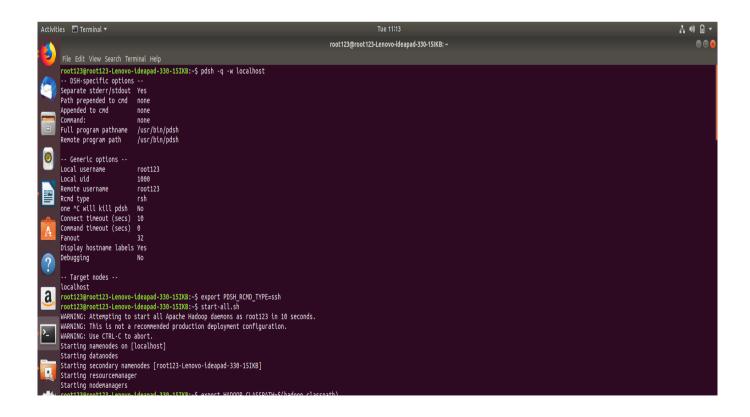
WORDCOUNT

Step1:

Start hadoop-3.0.3

Commands

- -pdsh -q -w localhost
- -export PDSH_RCMD_TYPE=ssh
- -start-all.sh



Text file-



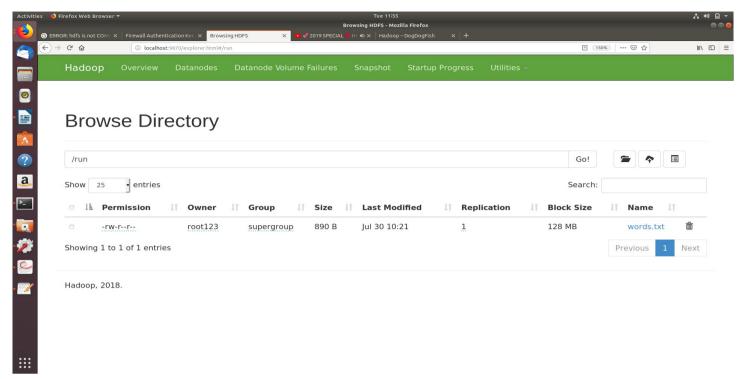
Step2:

Commands:

- -export HADOOP_CLASSPATH=\$(hadoop classpath)
- -echo \$HADOOP_CLASSPATH
- -hadoop fs -mkdir
- -hadoop fs -mldir /run

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File allocation in localhost:9870



Step3:

write mapper code in .py format



Step4:

Write reducer code in .py format



Step5:

commands:

- -hadoop fs -put '/home/root123/Desktop/run/words.txt' /run
- -/usr/local/hadoop-3.0.3/etc/hadoop fs -mkdir
- -chmod +x '/home/root123/word_mapper.py'
- -hadoop fs -cat /run/words.txt | /home/root123/word_mapper.py
- -chmod +x /home/root123/word_reducer.py

Step6:

To get output of reducer after mapping.

