Homework 1

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The paper
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Figure1: Docker Running

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Solver start | halodograps

Sarting expelled | property | property
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Figure 2: Starting Hadoop Container

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setting GOTIL-INTP, SONT-11444
setting
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Figure 3: Hadoop Container Started

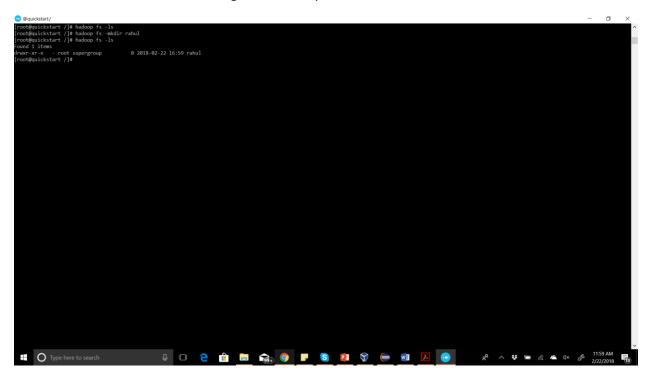


Figure 4: Created a directory of name Rahul in Hadoop filesystem

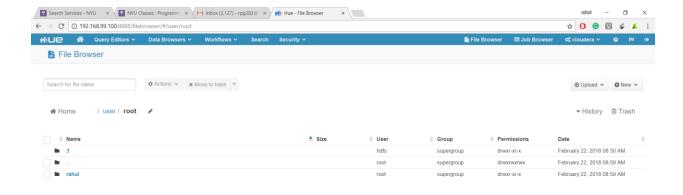




Figure 5: Directory name Rahul reflected in Hue

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Figure 6: Running the MapReduce program(Job) of WordCountV2 to get the Phrase Count (i.e. Word Pair Count)

Command Used: hadoop jar WordCountV2.jar /user/cloudera/adventures.txt /user/cloudera/output Placed the input file in user/cloudera and set the output path as /user/cloudera/output.

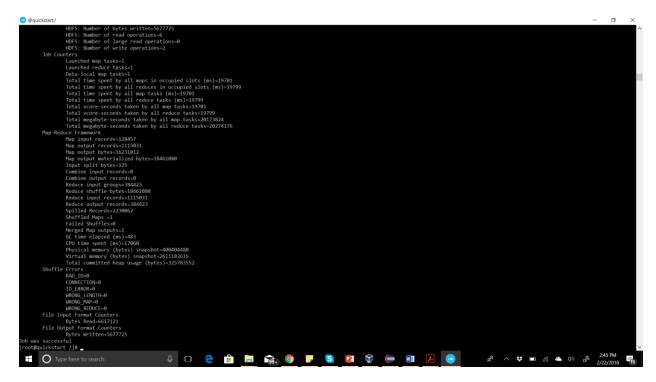


Figure 7: Job was Successful

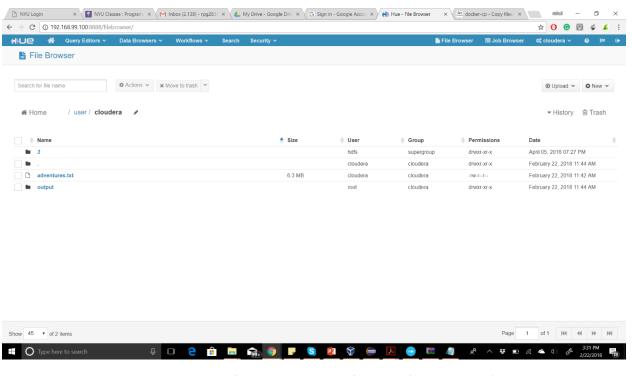


Figure 8: Output folder generated in file HDFS (shown in hue)

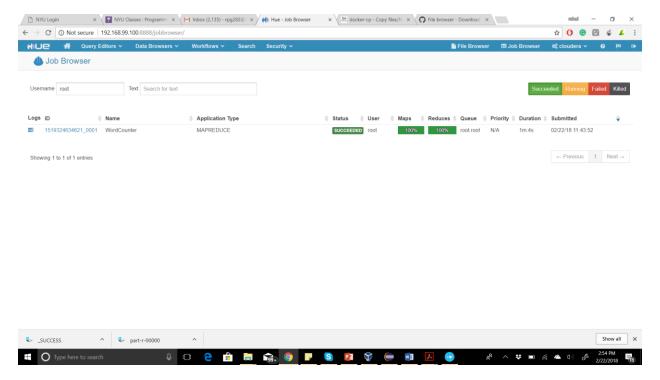


Figure 9: Job Successful Status in hue

Steps to run the Job:

- 1. Place the WordCountV2.jar file in the hadoop container.
- 2. Place the adventures.txt file in the HDFS. I had placed it in user/cloudera/adventures.txt
- 3. Then run the job by executing the command hadoop jar WordCountV2.jar /user/cloudera/adventures.txt /user/cloudera/output
- 4. The output path argument should be a unique path, or it will throw an exception. I have mentioned /user/cloudera/output where I will get the output file generated.