**MapReduce on Hadoop - Steps to execute wordcount problem**

1. Google - installing hadoop-3-2-1-single-node-cluster
2. <https://towardsdatascience.com/installing-hadoop-3-2-1-single-node-cluster-on-windows-10-ac258dd48aef>
3. Follow the steps
4. Instead of specified tar file use this:
5. <https://www.apache.org/dyn/closer.cgi/hadoop/common/hadoop-3.3.0/hadoop-3.3.0.tar.gz>
6. Once installed execute the following steps (either 7A or 7B):
7. A) Steps to run word count application from prebuilt jar file:

hadoop fs -mkdir /input

hadoop fs -put C:\words.txt /input

hadoop fs -ls /input/

hadoop jar C:\Hadoop-env\hadoop-3.2.1\share\hadoop\mapreduce\hadoop-mapreduce-examples-3.2.1.jar wordcount /input /output

hadoop fs -cat /output/\*

1. Steps to compile and run word count application from source code:

write program in WordCount.java file

set HADOOP\_CLASSPATH=${JAVA\_HOME}/lib/tools.jar

hadoop com.sun.tools.javac.Main WordCount.java

jar cf wc.jar WordCount\*.class

hadoop fs -mkdir /input

hadoop fs -put C:\words.txt /input

hadoop jar C:\HAdoop-env\wc.jar WordCount /input /output

hadoop fs -cat /output/\*

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