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Aim: Word count using MapReduce Java

Objectives:

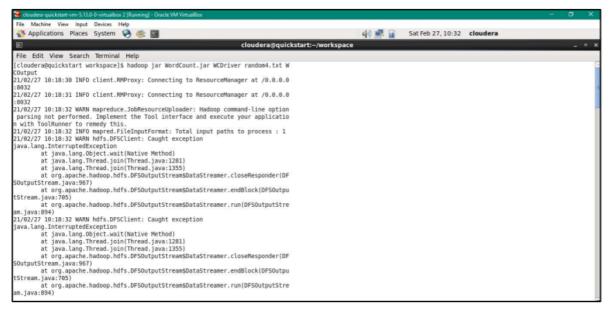
- 1. To run Java command.
- 2. Copy Data file from Local to HDFS.
- 3. Generate a Word count query.
- 4. Display Word count of the file.

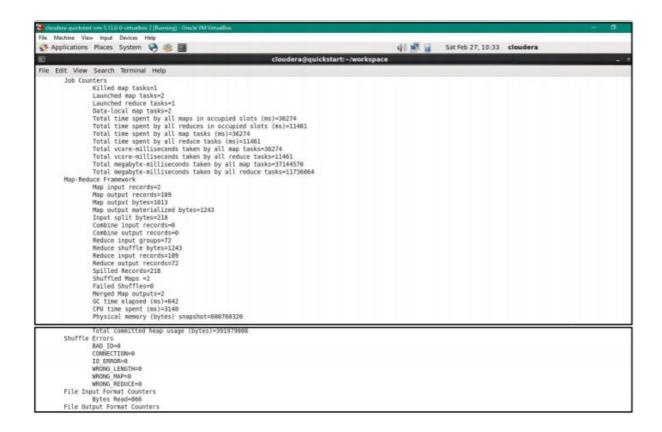
Code & Output:

- 1. Create a Text file in Local
- 2. Transfer to Hdfs using:

hdfs dfs -put ramdom.txt random4.txt

- 3. Create a Jar file(Code supplied by Sir) in eclipse with 3 classes:
 - a. WCDriver
 - b. WCMapper
 - c. WCReducer
- 4. In Building add 2 external JARs
 - a. /usr/lib/hadoop-0.20-mapreduce/hadoop-core-2.6.0-mr1-cdh5.13.0.jar
 - b. /usr/lib/hadoop/hadoop-common-2.6.0-cdh5.13.0.jar
- 5. Now build the Jar file.
- 6. Now change directory to workspace and execute below command
 - a. hadoop jar WordCount.jar WCDriver WCFile.txt WCOutput





b. hadoop fs -cat WCOutput/part-00000

