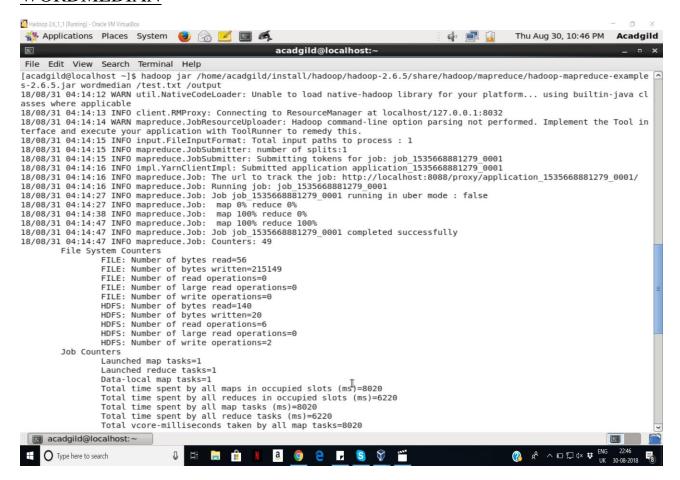
ASSIGNMENT 3

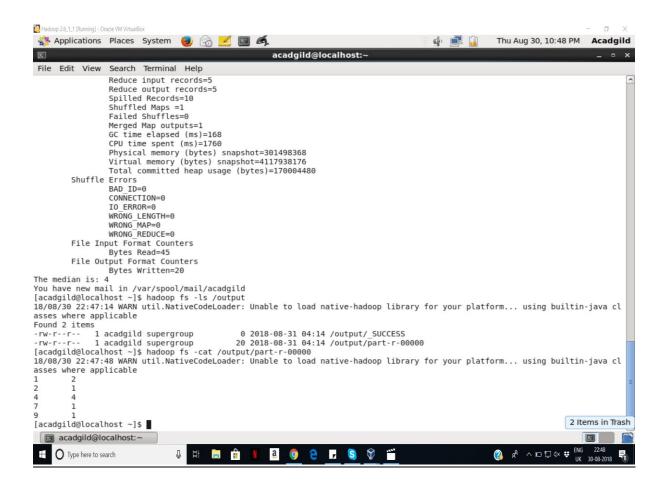
TASK 1:

Execute WordMedian, WordMean , WordStandardDeviation programs using hadoop-mapreduce-examples-2.9.0.jar file present in the AcadGild VM.

SOLUTION:

WORDMEDIAN





COMMANDS USED:

-Hadoop jar /home/acadgild/install/hadoop/Hadoop-

2.6.5/share/hadoop/mapreduce/Hadoop-mapreduce-examples-2.6.5.jar wordmedian /test.txt /output

In this command we are specifying the jar file and path where the wordmedian code or program exists. After specifying the path we type in the input file on which the code is executed that is /test.txt. And then we specify the directory where the output of wordmedian program executed on file test.txt is directed that is /output.

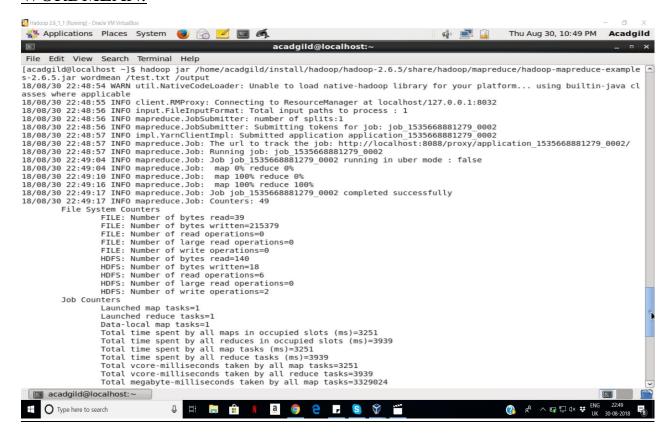
-hadoop fs -ls /output

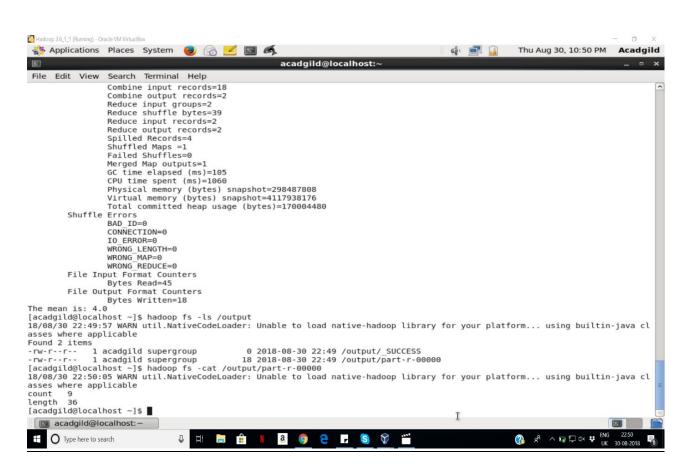
This command is used to list all the files present in the output directory. It displays the SUCCESS and PART-R-00000 sub-directories.

-hadoop fs -cat /output/part-r-00000

This command is used to display the content in part-r-00000.

WORDMEAN:





COMMANDS USED:

_Hadoop jar /home/acadgild/install/hadoop/Hadoop-2.6.5/share/hadoop/mapreduce/Hadoop-mapreduce-examples-2.6.5.jar wordmean /test.txt /output

In this command we are specifying the jar file and path where the wordmean code or program exists. After specifying the path we type in the input file on which the code is executed that is /test.txt. And then we

input file on which the code is executed that is /test.txt. And then we specify the directory where the output of wordmean program executed on file test.txt is directed that is /output.

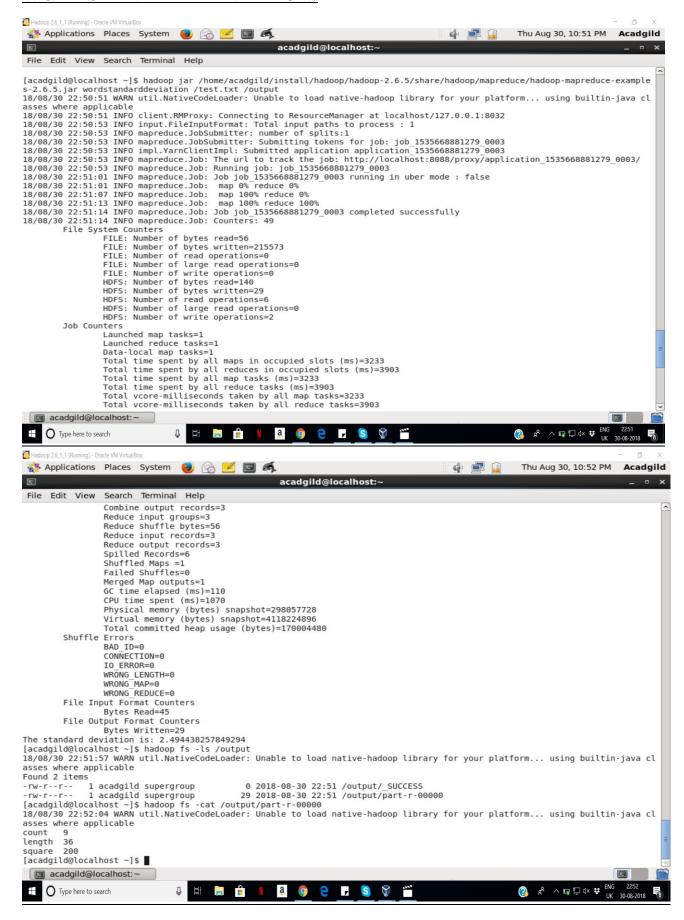
-hadoop fs -ls /output

This command is used to list all the files present in the output directory. It displays the SUCCESS and PART-R-00000 sub-directories.

-hadoop fs -cat /output/part-r-00000

This command is used to display the content in part-r-00000.

WORD STANDARD DEVIATION:



COMMANDS USED:

-Hadoop jar /home/acadgild/install/hadoop/Hadoop-

2.6.5/share/hadoop/mapreduce/Hadoop-mapreduce-examples-2.6.5.jar wordstandarddeviation /test.txt /output

In this command we are specifying the jar file and path where the wordstandarddeviation code or program exists. After specifying the path we type in the input file on which the code is executed that is /test.txt. And then we specify the directory where the output of wordstandarddeviationprogram executed on file test.txt is directed that is /output.

-hadoop fs -ls /output

This command is used to list all the files present in the output directory. It displays the SUCCESS and PART-R-00000 sub-directories.

-hadoop fs -cat /output/part-r-00000

This command is used to display the content in part-r-00000.

File used: (test.txt)

