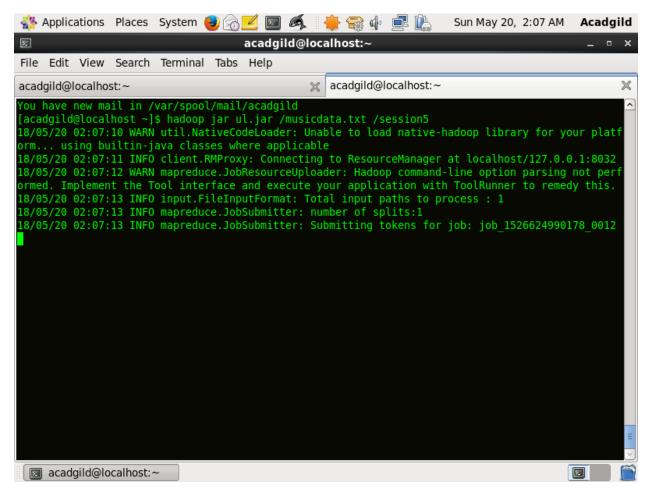
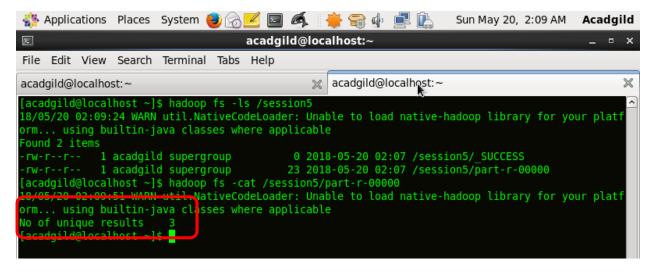
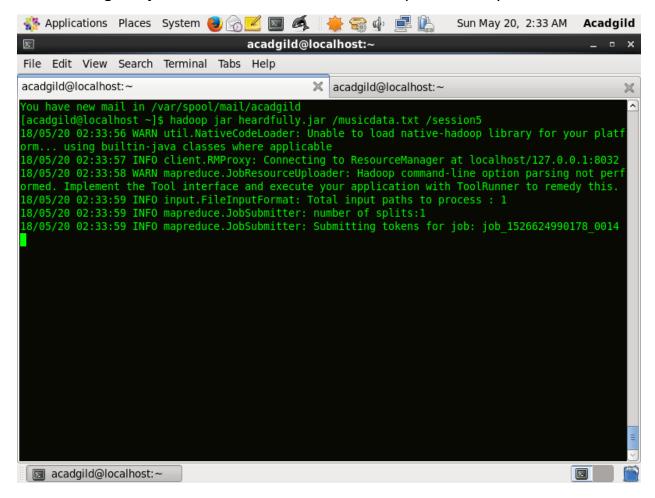
Running command: hadoop jar ul.jar /musicdata.txt /session5 musicdata.txt is the source file stored in HDFS and the output directory is session5



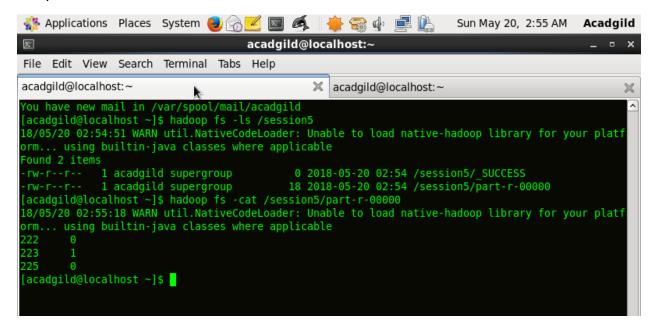
Lets check the output of number of unique listeners stored in /session5 in hdfs Running command to hadoop fs –cat /session5/part-r-00000 to check the contents of the reduced output



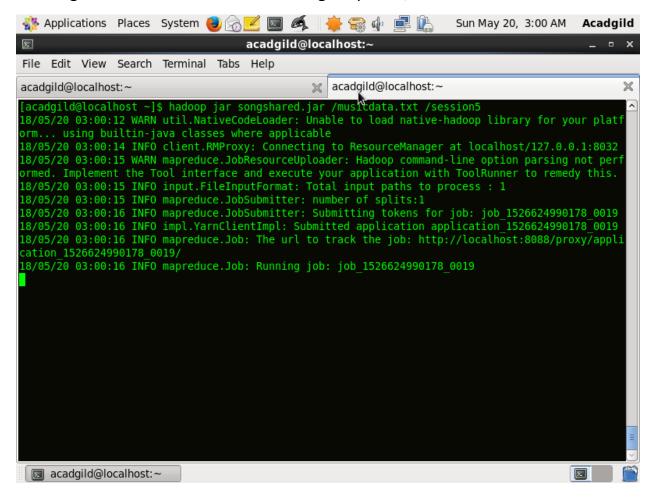
To find the number of times a song was heard fully, I have created another jar heardfully.jar. I am running this jar with the same dataset and output directory



Output:



To see the number of times a song was shared, I have created another jar songshared.jar Running it with same dataset and storing output in /session5



Lets checkout the output:

