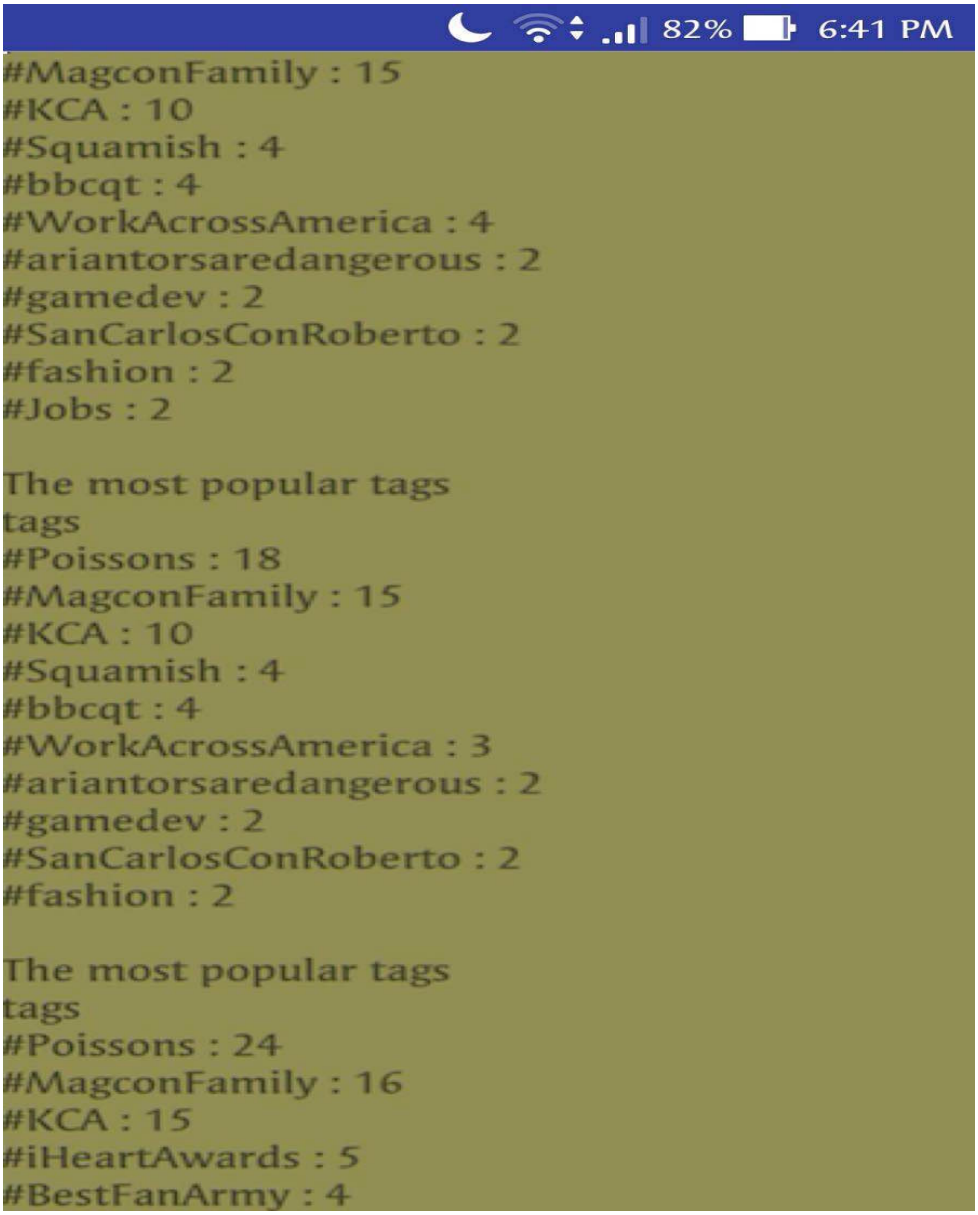
CS5542 Big Data Apps and Analytics

LAB ASSIGNMENT #5&6

1. Spark and Smartphone/Watch Application Implement a smart application with big data analytics related to your project showing the collaboration between Spark and Smart Apps. Implement Twitter Streaming and perform word count on it and publish the results and showcase it in your Smart Phone/Watch Application.



#MagconFamily : 8
#Directioners : 6
#bbcqt : 6
#GIFparty : 4
#quote : 3
#CombateRegaloDeAmorPolloyTete : 3

The most popular tags
tags
#Poissons : 24
#KCA : 15
#BestFanArmy : 10
#iHeartAwards : 10
#MagconFamily : 8
#Directioners : 6
#GIFparty : 4
#ALDUBRegaloNiLola : 4
#bbcqt : 4
#quote : 3

The most popular tags
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#GIFparty : 4
#bbcqt : 4
#VotaLaliEsposito : 3

2.

Spark ML Lib Application Perform a machine learning algorithm with the Twitter Streaming data to categorize each Tweet

a. Training datasets: Collect different categories of Tweets related to your project. (Categories can be based on HashTags / Subjects etc.)

b. Test data: the upcoming twitter stream.