1)CREATE AN ACCOUNT IN TWEETER APP. Get app

api\_key = "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"

api\_secret = "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"

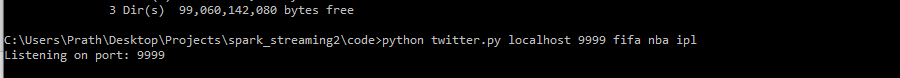
access\_token = "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"

access\_token\_secret = "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"

2)WRITE PROGRAM TO CONNECT TO TWITTER STREAMING API USING TWEEPY.

3) RUN THE PYTHON PROGRAM.

Twitter.py localhost 9999 fifa nba ipl



4) WRITE SPARK PROGRAM TO FILTER AND PROCESS DATA (Count hashtag in twitter to find the overall trend.)

4.1) Need to connect to a host and port.

4.2) Use spark session to read streaming data

4.3) Extract the message and split the message to get individual hash tag

5) Submit the spark job

**spark-submit count\_hash\_tag.py localhost 9999**

