

## Assignment 12

### Task

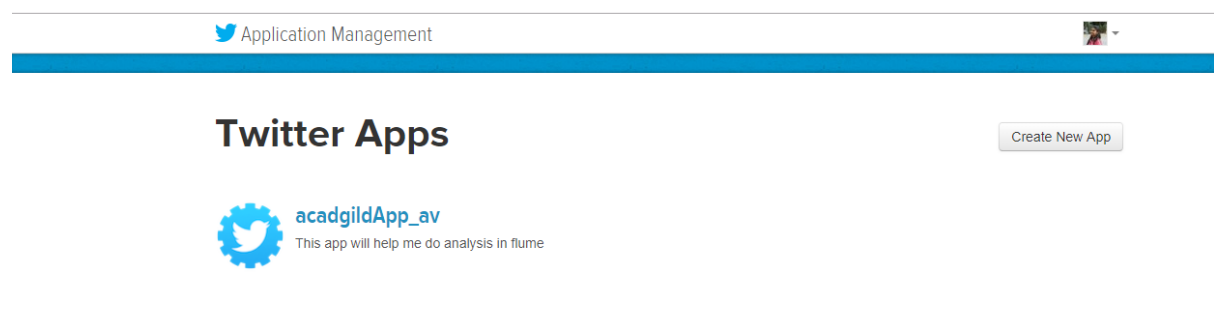
Create a flume agent that streams data from Twitter and stores in the HDFS

### Step1

Login to the twitter account

### Step 2

Go to the following link and click the 'create new app' button. <https://apps.twitter.com/app>



### Step3

After creation of app, copy the Consumer key, consumer secret code, access token and access secret code.

### Step4

Create a new file inside the conf directory inside the Flume-extracted directory.

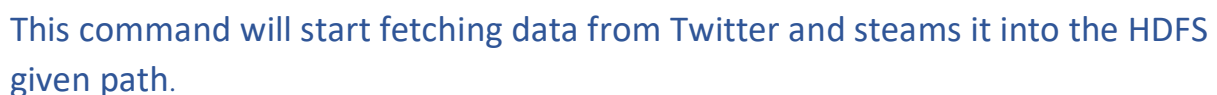
### Step5

Copy the Flume configuration code from the below link and paste it in the newly created file:

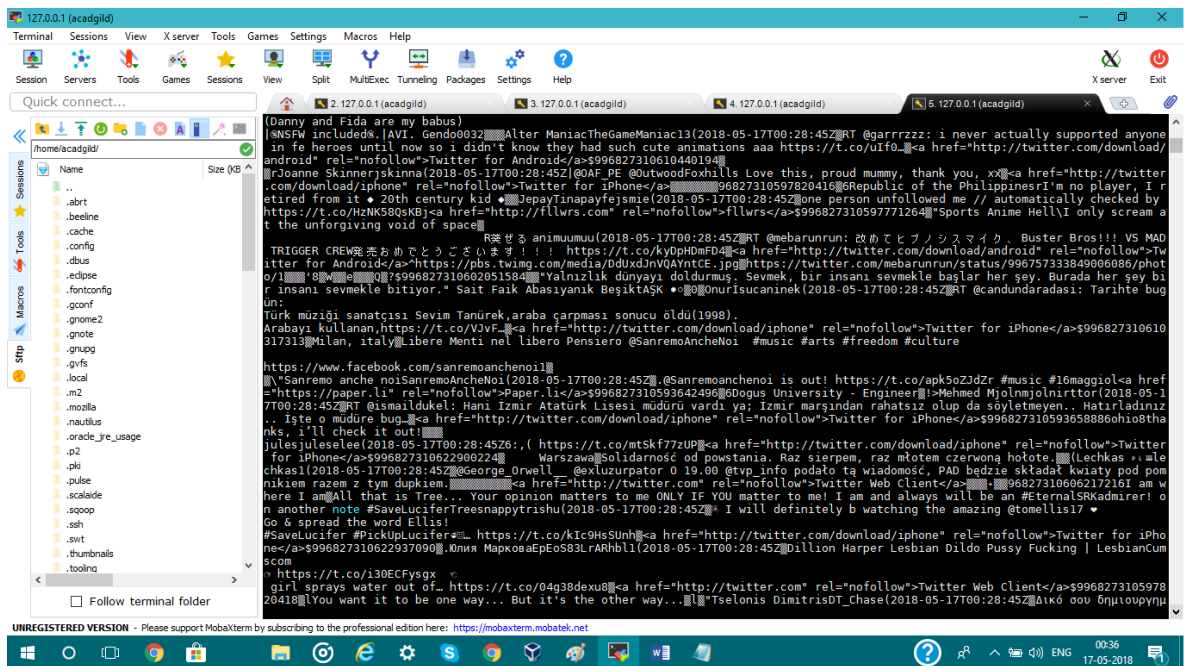
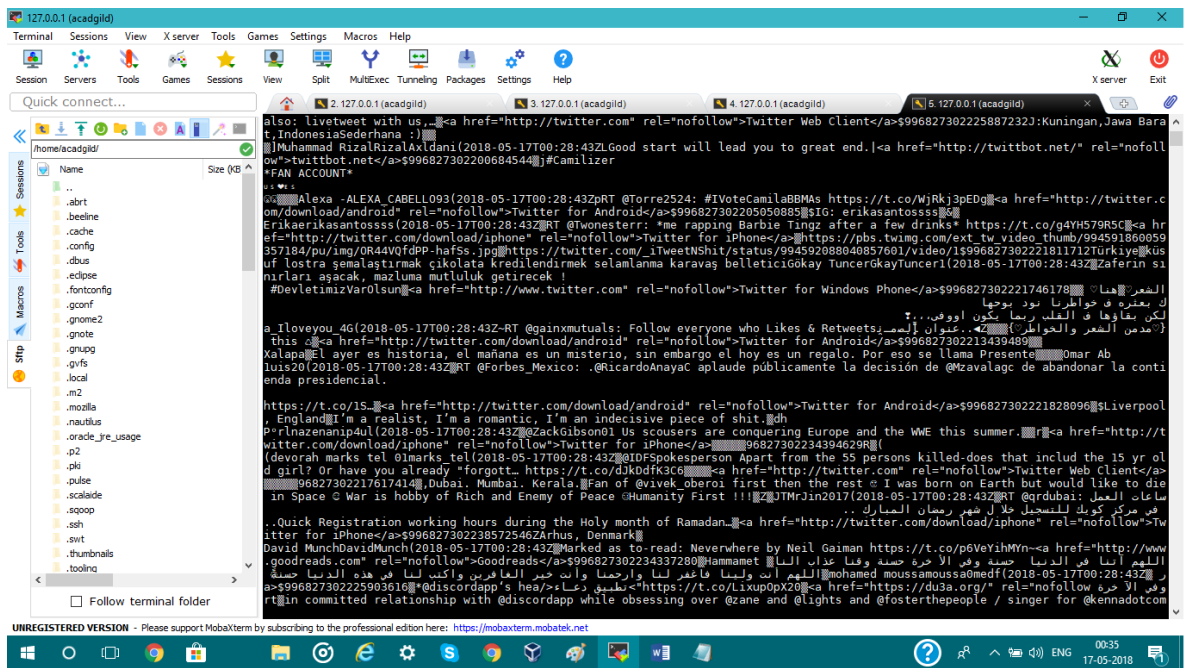
<https://drive.google.com/open?id=0B1QaXx7tpw3Sb3U4LW9SWINidkk>

Change the twitter api keys with the keys copied in step 3. Also verify whether the TwitterAgent HDFS path in sink configuration is correct. Here, it is:  
hdfs://localhost:8020/user/flume/tweets

For fetching data from Twitter, Use the below command to fetch the twitter tweet data into the HDFS cluster path. **flume-ng agent -n TwitterAgent -f <location of created/edited conf file>**







As we can see, the twitter data for the keywords mentioned in the configuration file for tweets, has started streaming into our HDFS path.