**Exercise 3 – Collecting Tweets**

**RCode**

#### 1. Install packages & Excuting library)

install.packages("twitteR")

library(twitteR)

install.packages("RCurl")

library(RCurl)

install.packages("ROAuth")

library(ROAuth)

#### 2. gaining OAuth; for this step, you need to obtain Twitter Account and Auth, ##

requestURL <- "https://api.twitter.com/oauth/request\_token"

accessURL <- "https://api.twitter.com/oauth/access\_token"

authURL <- "https://api.twitter.com/oauth/authorize"

consumerKey="k1us307eiIZUO10DTxCKta3Zf"

consumerSecret="9LNcuh9zsTe437URfKsiYGNWVHBkRpz3JephcwguLju4yZJ7d1"

accesstoken="911048442927108096-h8ttX7z7WkbC4DtyGkvbVZdF1tpyUsG"

accesstokensecret="eGgMyqUn7kdZ1RvCb8lS4Ab9yHEMzJDtQhPRIQ6iVD3eH"

twitteR:::setup\_twitter\_oauth(consumerKey, consumerSecret, accesstoken, accesstokensecret)

twitCred <- OAuthFactory$new(consumerKey=consumerKey,

consumerSecret=consumerSecret,

requestURL=requestURL,

accessURL=accessURL,

authURL=authURL)

download.file(url="http://curl.haxx.se/ca/cacert.pem", destfile="cacert.pem")

twitCred$handshake(cainfo="cacert.pem")

#### 4. gaining OAuth; start Function Test for Movie tweets gethering =====

oscarsTweets<-searchTwitter("#oscars",lang = "en", n=1000)

#### 5. transform from List to DataFrame =====

oscarsTweets.df=twListToDF(oscarsTweets)

#### 6. view DataFrame =====

View(oscarsTweets.df)

#### 7. down load as csv file =====

write.csv(oscarsTweets.df, file="C:\\Saipriya\\Studies\\Fall 2017\\WebAnalytics\\Exercise 3\\oscarsTweets.df.csv", row.names=F)

#### 8. save R.Data =====

save.image("C:\\Saipriya\\Studies\\Fall 2017\\WebAnalytics\\Exercise 3\\windowsTweets.RData")

#### End