import tweepy

import csv

#Twitter API credentials

access\_key = "826024036719173633\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CL23rf"

access\_secret = "22BaDOkicTh3\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Z5fP7xKoxcVXl"

consumer\_key = "wYw6t\*\*\*\*\*\*\*\*\*ae7TlsTp2f0ZzQ"

consumer\_secret = "uQQjQC8Q8\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*epubKNUbkx2cgK4MD7"

def get\_all\_tweets(screen\_name):

#Twitter only allows access to a users most recent 3240 tweets with this method

#authorize twitter, initialize tweepy

auth = tweepy.OAuthHandler(consumer\_key, consumer\_secret)

auth.set\_access\_token(access\_key, access\_secret)

api = tweepy.API(auth)

#initialize a list to hold all the tweepy Tweets

alltweets = []

#make initial request for most recent tweets (200 is the maximum allowed count)

new\_tweets = api.user\_timeline(screen\_name = screen\_name,count=200)

#save most recent tweets

alltweets.extend(new\_tweets)

#save the id of the oldest tweet less one

oldest = alltweets[-1].id - 1

#keep grabbing tweets until there are no tweets left to grab

while len(new\_tweets) > 0:

print ("getting tweets before %s" % (oldest))

#all subsiquent requests use the max\_id param to prevent duplicates

new\_tweets = api.user\_timeline(screen\_name = screen\_name,count=200,max\_id=oldest)

#save most recent tweets

alltweets.extend(new\_tweets)

#update the id of the oldest tweet less one

oldest = alltweets[-1].id - 1

print ("...%s tweets downloaded so far" % (len(alltweets)))

#transform the tweepy tweets into a 2D array that will populate the csv

outtweets = [[tweet.id\_str, tweet.created\_at, tweet.text.encode("utf-8"),tweet.retweet\_count,tweet.favorite\_count] for tweet in alltweets]

#write the csv

with open('%s\_tweets.csv' % screen\_name, 'w') as f:

writer = csv.writer(f)

writer.writerow(["id","created\_at","text","retweet\_count","favorite\_count"])

writer.writerows(outtweets)

pass

if \_\_name\_\_ == '\_\_main\_\_':

#pass in the username of the account you want to download

get\_all\_tweets("@ManUtd")