**SNA MINI PROJECT**

**(SENTIMENT ANALYSIS)**

**CODE:**

import tweepy

from textblob import TextBlob

import matplotlib.pyplot as plt

consumer\_key = 'qHDlZqswgH4LoA8cUAiEKEXQs'

consumer\_secret = 'Wu9WL4PLJWj41Iu2hRfezqwChmHOVoYiMHz6NFu7ZMY1QNtgdq'

access\_token = '1512020358597324800-89OgoCg5zK8P4zI5mjCnvJ3tlUe0QJ'

access\_token\_secret = 'YjiwwCMxZOUuGXbUxR08F2g48faizwRMtUiqrQ9sw36Xw'

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

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

api = tweepy.API(auth)

search\_string = input("Enter the topic on which you want to get tweets on: ")

public\_tweets = api.search(search\_string)

pos = 0

neg = 0

neu = 0

for tweet in public\_tweets:

print(tweet.text)

analysis = TextBlob(tweet.text)

print(analysis.sentiment)

if analysis.sentiment.polarity > 0:

print("Positive")

pos += 1

if analysis.sentiment.polarity == 0:

print("Neutral")

neu += 1

if analysis.sentiment.polarity < 0:

print("Negative")

neg += 1

plt.xlabel("Tags")

plt.ylabel("Polarity")

plt.pie([pos, neg, neu], labels = ['pos', 'neg', 'neu'], autopct = "%1.1f%%")

plt.show()

**OUTPUTS:**



