**DAV EXPERIMENT 6**

import nltk

from nltk.sentiment.vader import SentimentIntensityAnalyzer

# Download NLTK resources (if not already downloaded)

nltk.download('vader\_lexicon')

# Initialize the sentiment analyzer

sid = SentimentIntensityAnalyzer()

# Sample text for sentiment analysis

text = input("Provide your review: ")

# Perform sentiment analysis

scores = sid.polarity\_scores(text)

# Interpret the sentiment scores

if scores['compound'] > 0:

    sentiment = 'positive'

elif scores['compound'] < 0:

    sentiment = 'negative'

else:

    sentiment = 'neutral'

# Output the sentiment result

print(f"Sentiment: {sentiment}")

print(f"Positive: {scores['pos']}, Negative: {scores['neg']}, Neutral: {scores['neu']}, Compound: {scores['compound']}")





