**PROGRAM [14]:**

import nltk

from nltk.tokenize import word\_tokenize

from nltk import pos\_tag

nltk.download('averaged\_perceptron\_tagger')

# Define sample text

text = """

Natural Language Processing (NLP) is a subfield of linguistics, computer science,

and artificial intelligence concerned with the interactions between computers and human

(natural) languages.

"""

# Tokenize text into words

words = word\_tokenize(text)

# Tag parts of speech for each word

pos\_tags = pos\_tag(words)

# Print parts of speech tags

print(pos\_tags)

**OUTPUT [14]:**

