import nltk

from nltk.tokenize import word\_tokenize

from nltk import pos\_tag

def get\_pos\_tags(text):

    words = word\_tokenize(text)  # Tokenize text into words

    pos\_tags = pos\_tag(words)  # Get part of speech for each word

    return pos\_tags

text = input("Enter your text: ")

pos\_result = get\_pos\_tags(text)

for word, pos in pos\_result:

    print(f"{word}: {pos}")