import nltk

nltk.download('punkt')

import nltk.corpus

#Tokenization

from nltk.tokenize import word\_tokenize

chess = "Samay Raina is best chess streamer in the world"

word\_tokenize(chess)

#sentence tokenizer

from nltk.tokenize import sent\_tokenize

chess2 = "Samay Raina is best chess streamer in the world. Sagar is best chess coach in the world. "

sent\_tokenize(chess2)

#checking the number of tokens

len(word\_tokenize(chess))

#bigrams and n-grams

astronaut = "Can anybody hear me or am i talking to myself? My mind is running empty in the search for someone else."

astronaut\_token=(word\_tokenize(astronaut))

list(nltk.bigrams(astronaut\_token))

list(nltk.trigrams(astronaut\_token))

list(nltk.ngrams(astronaut\_token,5))

#Stemming

from nltk.stem import PorterStemmer

my\_stem = PorterStemmer()

my\_stem.stem("eating")

#pos-tagging

import nltk

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

nltk.pos\_tag(tom\_token)

from nltk import ne\_chunk

president = "Barak Obama was 44th President of America"

president\_token = word\_tokenize(president)

president\_pos = nltk.pos\_tag(president\_token)

import nltk

nltk.download('punkt')

nltk.download('words')

print(ne\_chunk(president\_pos))

!pip install gTTS

from gtts import gTTS

from IPython.display import Audio

tts = gTTS('Btech is the Technical Degree.Btech makes the mind very sharp .In this we have to study extra. Our main aim is to get a government job or to be placed in a reputed Company . A great effort is required . Effort is of parents and of the student and the college department')

tts.save('1.wav')

sound\_file = '1.wav'

Audio(sound\_file, autoplay=True)