In [1]:
```python
!pip install nltk
```

```
Requirement already satisfied: nltk in c:\users\kavya\anaconda3\lib\site-
packages (3.7)
Requirement already satisfied: click in c:\users\kavya\anaconda3\lib\site
-packages (from nltk) (8.0.4)
Requirement already satisfied: tqdm in c:\users\kavya\anaconda3\lib\site-
packages (from nltk) (4.64.1)
Requirement already satisfied: regex>=2021.8.3 in c:\users\kavya\anaconda
3\lib\site-packages (from nltk) (2022.7.9)
Requirement already satisfied: joblib in c:\users\kavya\anaconda3\lib\sit
e-packages (from nltk) (1.1.1)
Requirement already satisfied: colorama in c:\users\kavya\anaconda3\lib\s
ite-packages (from click->nltk) (0.4.6)
```

In [2]:
```python
import nltk
from nltk.tokenize import word_tokenize, sent_tokenize
nltk.download('punkt')
paragraph = """
Natural Language Processing (NLP) is a field of artificial intelligence tha
The ultimate goal of NLP is to enable computers to understand, interpret, a
Applications of NLP include language translation, sentiment analysis, chatb
"""
sentences = sent_tokenize(paragraph)
words = word_tokenize(paragraph)
print("Sentences:")
for sentence in sentences:
    print(sentence)
print("\nWords:")
print(words)
```

```
Sentences:

Natural Language Processing (NLP) is a field of artificial intelligence t
hat deals with the interaction between computers and humans using natural
language.
The ultimate goal of NLP is to enable computers to understand, interpret,
and generate human languages in a way that is both valuable and meaningfu
l.
Applications of NLP include language translation, sentiment analysis, cha
tbots, and more!

Words:
['Natural', 'Language', 'Processing', '(', 'NLP', ')', 'is', 'a', 'fiel
d', 'of', 'artificial', 'intelligence', 'that', 'deals', 'with', 'the',
'interaction', 'between', 'computers', 'and', 'humans', 'using', 'natura
l', 'language', '.', 'The', 'ultimate', 'goal', 'of', 'NLP', 'is', 'to',
'enable', 'computers', 'to', 'understand', ',', 'interpret', ',', 'and',
'generate', 'human', 'languages', 'in', 'a', 'way', 'that', 'is', 'both',
'valuable', 'and', 'meaningful', '.', 'Applications', 'of', 'NLP', 'inclu
de', 'language', 'translation', ',', 'sentiment', 'analysis', ',', 'chatb
ots', ',', 'and', 'more', '!']

[nltk_data] Downloading package punkt to
[nltk_data]     C:\Users\kavya\AppData\Roaming\nltk_data...
[nltk_data]   Package punkt is already up-to-date!
```

In [ ]: