[DAY-24 2211cs020196]Coding Exercise: EDA for Text Data Write a Python program to load a text file, tokenize the text using NLTK, and display the 10 most common words. Use the NLTK library for tokenization.

In [1]:
```
import nltk
from nltk.tokenize import word_tokenize
from nltk.probability import FreqDist
nltk.download('punkt')
sample_text = """
Once upon a time in a small village, there lived a young girl named Alice. S
"""
tokens = word_tokenize(sample_text)
freq_dist = FreqDist(tokens)
most_common_words = freq_dist.most_common(10)
for word, frequency in most_common_words:
    print(f'{word}: {frequency}')

```

```
a: 5
.: 5
,: 4
and: 4
the: 3
she: 3
in: 2
Alice: 2
new: 2
to: 2

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

In [ ]:
```

```