

Day-24[2211cs020206]

```
In [1]: 1 import nltk
        2 from nltk.tokenize import word_tokenize
        3 from nltk.probability import FreqDist
        4 nltk.download('punkt')
        5 sample_text = """
        6 Once upon a time in a small village, there lived a young girl named Alice
        7 """
        8 tokens = word_tokenize(sample_text)
        9 freq_dist = FreqDist(tokens)
       10 most_common_words = freq_dist.most_common(10)
       11 for word, frequency in most_common_words:
       12     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
[nltk_data] C:\Users\nihar\AppData\Roaming\nltk_data...
[nltk_data] Package punkt is already up-to-date!
```

```
In [ ]: 1
```