```
p12 x p111 x

C:\ALBINA\ml\venv\Scripts\python.exe C:/ALBINA/ml/p111.py

('welcome', 'to', 'amal')

('to', 'amal', 'jyothi')

('amal', 'jyothi', 'college')

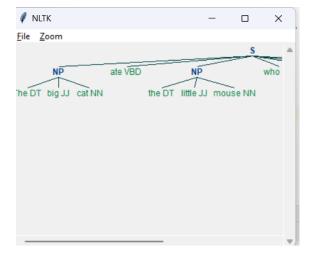
('jyothi', 'college', 'of')

('college', 'of', 'engineering')

Process finished with exit code 0
```

```
L_p12 X

C:\ALBINA\mi\venv\Scripts\python.exe C:/ALBINA/ml/p12.py
[nltk_data] Downloading package punkt to
[nltk_data] Umzipping tokenizers\punkt.zip.
['The', 'big', 'cat', 'ate', 'the', 'little', 'mouse', 'who', 'was', 'after', 'the', 'fresh', 'cheese']
[('The', 'DI'), ('big', 'J3'), ('cat', 'NN'), ('ate', 'VBD'), ('the', 'DI'), ('little', 'J3'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fresh', 'DI'), ('little', 'J3'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fresh', 'DI'), ('fresh', 'DI'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fresh', 'DI'), ('fresh', 'DI'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fresh', 'DI'), ('fresh', 'DI'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fresh', 'DI'), ('fresh', 'DI'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fresh', 'DI'), ('fresh', 'DI'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fresh', 'DI'), ('fresh', 'DI'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fresh', 'DI'), ('fresh', 'DI'), ('mouse', 'NN'), ('who', 'WP'), ('was', 'VBD'), ('after', 'IN'), ('fresh', 'DI'), ('fre
```



#### Result

The program was executed and the result was successfully obtained. Thus CO5 was obtained.

# **Experiment No.: 12**

## **Aim**

Program to implement a simple web crawler

## **CO5**

Implement programs for web data mining and natural language processing using NLTK

### **Procedure**

```
import requests
from bs4 import BeautifulSoup
import csv

URL = "http://www.ajce.in"
r = requests.get(URL)
soup = BeautifulSoup(r.content, 'html.parser')
print(soup.prettify())
```

### **Output Screenshot**

#### Result

The program was executed and the result was successfully obtained. Thus CO5 was obtained.