NLP Assignment

Output Screenshots

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Stream : B.Tech. CSBS

Semester : 6

Roll : 26

Assignment 1 :-

```
            python -u "e:\NLP\Assignment_1.py"
[nltk_data] Downloading package punkt to
[nltk_data]     C:\Users\sayan\AppData\Roaming\nltk_data...
[nltk_data]   Package punkt is already up-to-date!
['Hello', ',', 'how', 'are', 'you', '?']
PS E:\NLP> []
```

Assignment 2 :-

```
            python -u "e:\NLP\Assignment_2.py"
program
PS E:\NLP> []
```

Assignment 3 :-

```
PS E:\NLP> python -u "e:\NLP\Assignment_3.py"
run
PS E:\NLP> []
```

Assignment 4 :-

```
            python -u "e:\NLP\Assignment_4.py"
[nltk_data] Downloading package wordnet to
[nltk_data]     C:\Users\sayan\AppData\Roaming\nltk_data...
[nltk_data]   Package wordnet is already up-to-date!
run
PS E:\NLP> []
```

Assignment 5 :-

```
PS E:\NLP> python -u "e:\NLP\Assignment_5.py"
0.8181802073667197
PS E:\NLP>
```

Assignment 6 :-

```
          python -u "e:\NLP\Assignment_6.py"
[[0.         0.         0.         0.37997836 0.53404633 0.53404633
  0.53404633 0.         ]
 [0.47107781 0.47107781 0.47107781 0.33517574 0.         0.
  0.         0.47107781]]
['another' 'content' 'different' 'document' 'is' 'sample' 'this' 'with']
PS E:\NLP>
```

Assignment 7 :-

```
PS E:\NLP> python -u "e:\NLP\Assignment_7.py"
[nltk_data] Downloading package punkt to
[nltk_data]     C:\Users\sayan\AppData\Roaming\nltk_data...
[nltk_data]   Package punkt is already up-to-date!
[nltk_data] Downloading package stopwords to
[nltk_data]     C:\Users\sayan\AppData\Roaming\nltk_data...
[nltk_data]   Package stopwords is already up-to-date!
sample text contains punctuation stopwords
PS E:\NLP>
```

Assignment 8 :-

```
PS E:\NLP> python -u "e:\NLP\Assignment_8.py"
[nltk_data] Downloading package punkt to
[nltk_data]     C:\Users\sayan\AppData\Roaming\nltk_data...
[nltk_data]   Package punkt is already up-to-date!
[nltk_data] Downloading package averaged_perceptron_tagger to
[nltk_data]     C:\Users\sayan\AppData\Roaming\nltk_data...
[nltk_data]   Package averaged_perceptron_tagger is already up-to-
[nltk_data]       date!
[nltk_data] Downloading package maxent_ne_chunker to
[nltk_data]     C:\Users\sayan\AppData\Roaming\nltk_data...
[nltk_data]   Package maxent_ne_chunker is already up-to-date!
[nltk_data] Downloading package words to
[nltk_data]     C:\Users\sayan\AppData\Roaming\nltk_data...
[nltk_data]   Package words is already up-to-date!
[('John', 'PERSON'), ('Smith', 'PERSON'), ('Google', 'ORGANIZATION')]
PS E:\NLP>
```