In [1]:
```python
import nltk
```

In [2]:
```python
nltk.download('all')
```

```
[nltk_data]    |   Package wordnet2021 is already up-to-date!
[nltk_data]    | Downloading package wordnet2022 to
[nltk_data]    |     C:\Users\Vidhisha\AppData\Roaming\nltk_data...
[nltk_data]    |   Package wordnet2022 is already up-to-date!
[nltk_data]    | Downloading package wordnet31 to
[nltk_data]    |     C:\Users\Vidhisha\AppData\Roaming\nltk_data...
[nltk_data]    |   Package wordnet31 is already up-to-date!
[nltk_data]    | Downloading package wordnet_ic to
[nltk_data]    |     C:\Users\Vidhisha\AppData\Roaming\nltk_data...
[nltk_data]    |   Package wordnet_ic is already up-to-date!
[nltk_data]    | Downloading package words to
[nltk_data]    |     C:\Users\Vidhisha\AppData\Roaming\nltk_data...
[nltk_data]    |   Package words is already up-to-date!
[nltk_data]    | Downloading package ycoe to
[nltk_data]    |     C:\Users\Vidhisha\AppData\Roaming\nltk_data...
[nltk_data]    |   Package ycoe is already up-to-date!
[nltk_data]    |
[nltk_data]  Done downloading collection all
```

Out[2]: True

In [3]:
```python
from nltk.book import*
```

```
*** Introductory Examples for the NLTK Book ***
Loading text1, ..., text9 and sent1, ..., sent9
Type the name of the text or sentence to view it.
Type: 'texts()' or 'sents()' to list the materials.
text1: Moby Dick by Herman Melville 1851
text2: Sense and Sensibility by Jane Austen 1811
text3: The Book of Genesis
text4: Inaugural Address Corpus
text5: Chat Corpus
text6: Monty Python and the Holy Grail
text7: Wall Street Journal
text8: Personals Corpus
text9: The Man Who Was Thursday by G . K . Chesterton 1908
```

In [4]:
```python
from nltk.corpus import brown
```

In [ ]:

In [ ]:

In [ ]:

In [5]:
```python
from nltk.corpus import brown
```

In [6]:
```python
brown.categories()
```

Out[6]:
```
['adventure',
 'belles_lettres',
 'editorial',
 'fiction',
 'government',
 'hobbies',
 'humor',
 'learned',
 'lore',
 'mystery',
 'news',
 'religion',
 'reviews',
 'romance',
 'science_fiction']
```

In [5]:
```python
from nltk.corpus import brown
```

In [6]:
```python
brown.categories()
```

Out[6]:
```
['adventure',
 'belles_lettres',
```

In [7]: `brown.words(categories="adventure")[:50]`

Out[7]: ```
['Dan',
 'Morgan',
 'told',
 'himself',
 'he',
 'would',
 'forget',
 'Ann',
 'Turner',
 '.',
 'He',
 'was',
 'well',
 'rid',
 'of',
 'her',
 '.',
 'He',
 'certainly',
 "didn't",
 'want',
 'a',
 'wife',
 'who',
 'was',
 'fickle',
 'as',
 'Ann',
 '.',
 'If',
 'he',
 'had',
 'married',
 'her',
 ',',
 "he'd",
 'have',
 'been',
 'asking',
 'for',
 'trouble',
 '.',
 'But',
 'all',
 'of',
 'this',
 'was',
 'rationalization',
 '.',
 'Sometimes']
```

```
In [8]: inaugural.fileids()
```

```
Out[8]:  ['1789-Washington.txt',
          '1793-Washington.txt',
          '1797-Adams.txt',
          '1801-Jefferson.txt',
          '1805-Jefferson.txt',
          '1809-Madison.txt',
          '1813-Madison.txt',
          '1817-Monroe.txt',
          '1821-Monroe.txt',
          '1825-Adams.txt',
          '1829-Jackson.txt',
          '1833-Jackson.txt',
          '1837-VanBuren.txt',
          '1841-Harrison.txt',
          '1845-Polk.txt',
          '1849-Taylor.txt',
          '1853-Pierce.txt',
          '1857-Buchanan.txt',
          '1861-Lincoln.txt',
          '1865-Lincoln.txt',
          '1869-Grant.txt',
          '1873-Grant.txt',
          '1877-Hayes.txt',
          '1881-Garfield.txt',
          '1885-Cleveland.txt',
          '1889-Harrison.txt',
          '1893-Cleveland.txt',
          '1897-McKinley.txt',
          '1901-McKinley.txt',
          '1905-Roosevelt.txt',
          '1909-Taft.txt',
          '1913-Wilson.txt',
          '1917-Wilson.txt',
          '1921-Harding.txt',
          '1925-Coolidge.txt',
          '1929-Hoover.txt',
          '1933-Roosevelt.txt',
          '1937-Roosevelt.txt',
          '1941-Roosevelt.txt',
          '1945-Roosevelt.txt',
          '1949-Truman.txt',
          '1953-Eisenhower.txt',
          '1957-Eisenhower.txt',
          '1961-Kennedy.txt',
          '1965-Johnson.txt',
          '1969-Nixon.txt',
          '1973-Nixon.txt',
          '1977-Carter.txt',
          '1981-Reagan.txt',
          '1985-Reagan.txt',
          '1989-Bush.txt',
          '1993-Clinton.txt',
          '1997-Clinton.txt',
          '2001-Bush.txt',
          '2005-Bush.txt',
          '2009-Obama.txt',
          '2013-Obama.txt',
          '2017-Trump.txt',
          '2021-Biden.txt']
```

In [9]: `inaugural.words(fileids='1861-Lincoln.txt')[:20]`

Out[9]: ```
['Fellow',
 '-',
 'Citizens',
 'of',
 'the',
 'United',
 'States',
 ':',
 'In',
 'compliance',
 'with',
 'a',
 'custom',
 'as',
 'old',
 'as',
 'the',
 'Government',
 'itself',
 ',']
```

In [ ]: