

In [2]:

```
from nltk.corpus import inaugural
inaugural.fileids()
speech=inaugural.words(fileids = '2009-Obama.txt')
x=0
count = dict()
for words in speech:
    count[words]=count.get(words,0)+1
searcht="Americans"
print(count[searcht])
```

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In [3]:

```
from nltk.corpus import brown
brown.fileids() [:20]
brown.categories()
brown.words(categories="fiction")[:50]
```

Out[3]:

```
['Thirty-three',
 'Scotty',
 'did',
 'not',
 'go',
 'back',
 'to',
 'school',
 '.',
 'His',
 'parents',
 'talked',
 'seriously',
 'and',
 'lengthily',
 'to',
 'their',
 'own',
 'doctor',
 'and',
 'to',
 'a',
 'specialist',
 'at',
 'the',
 'University',
 'Hospital',
 '--',
 'Mr.',
 'McKinley',
 'was',
 'entitled',
 'to',
 'a',
 'discount',
 'for',
 'members',
 'of',
 'his',
 'family',
 '--',
 'and',
 'it',
 'was',
 'decided',
 'it',
 'would',
 'be',
 'best',
 'for']
```

In [4]:

```
from nltk.corpus import brown
brown.fileids() [:20]
brown.categories()
brown.words(categories="adventure")[:50]
```

Out[4]:

```
['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 [6]:

```
from nltk.corpus import brown
brown.fileids()[:20]
brown.categories()
print(brown.categories())
```

```
['adventure', 'belles_lettres', 'editorial', 'fiction', 'government', 'hobbi  
es', 'humor', 'learned', 'lore', 'mystery', 'news', 'religion', 'reviews',  
'romance', 'science_fiction']
```

In [7]:

```
from nltk.corpus import brown
brown.fileids() [:20]
brown.categories()
brown.words(categories="humor")[:50]
```

Out[7]:

```
['It',
 'was',
 'among',
 'these',
 'that',
 'Hinkle',
 'identified',
 'a',
 'photograph',
 'of',
 'Barco',
 '!',
 '!',
 'For',
 'it',
 'seems',
 'that',
 'Barco',
 ',',
 'fancying',
 'himself',
 'a',
 "ladies'",
 'man',
 '(',
 'and',
 'why',
 'not',
 ',',
 'after',
 'seven',
 'marriages',
 '?',
 '?',
 ')',
 ',',
 'had',
 'listed',
 'himself',
 'for',
 'Mormon',
 'Beard',
 'roles',
 'at',
 'the',
 'instigation',
 'of',
 'his',
 'fourth',
 'murder']
```

In [8]:

```
from nltk.corpus import brown
brown.fileids() [:20]
brown.categories()
brown.words(categories="mystery")[:50]
```

Out[8]:

```
['There',
 'were',
 'thirty-eight',
 'patients',
 'on',
 'the',
 'bus',
 'the',
 'morning',
 'I',
 'left',
 'for',
 'Hanover',
 ',',
 'most',
 'of',
 'them',
 'disturbed',
 'and',
 'hallucinating',
 '.',
 'An',
 'interne',
 ',',
 'a',
 'nurse',
 'and',
 'two',
 'attendants',
 'were',
 'in',
 'charge',
 'of',
 'us',
 '.',
 'I',
 'felt',
 'lonely',
 'and',
 'depressed',
 'as',
 'I',
 'stared',
 'out',
 'the',
 'bus',
 'window',
 'at',
 'Chicago's',
 'grim']
```

In []: