Problem Statement

In this assignment students have to find the frequency of words in a webpage. User can use urllib and BeautifulSoup to extract text from webpage.

In [3]:
```
from bs4 import BeautifulSoup
import urllib.request
import nltk
nltk.download('stopwords')
from nltk.corpus import stopwords
response = urllib.request.urlopen('http://php.net/')
html = response.read()
soup = BeautifulSoup(html,"html5lib")
text = soup.get_text(strip=True)
tokens = [t for t in text.split()]
clean_tokens = tokens[:]
sr = stopwords.words('english')
for token in tokens:
    if token in stopwords.words('english'):
        clean_tokens.remove(token)
freq = nltk.FreqDist(clean_tokens)
for key,val in freq.items():
```

```
[nltk_data] Downloading package stopwords to
[nltk_data]     C:\Users\HP\AppData\Roaming\nltk_data...
[nltk_data]   Package stopwords is already up-to-date!
PHP::1
Hypertext:1
PreprocessorDownloadsDocumentationGet:1
InvolvedHelpGetting:1
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```
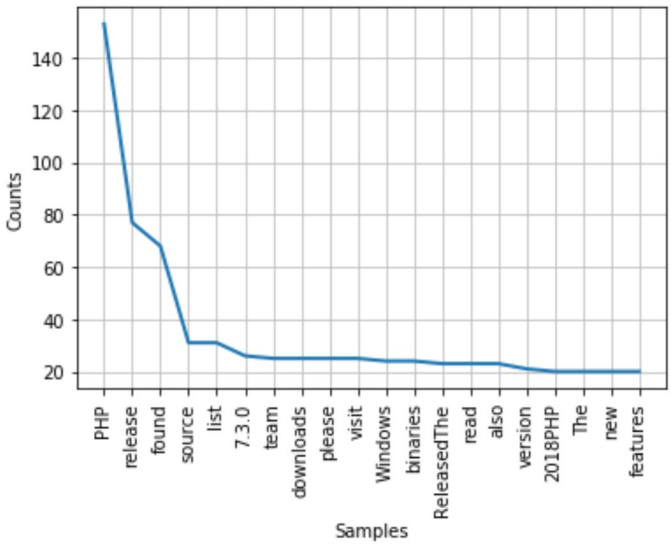

In [5]:


Counts
140
120
100
80
60
40
20
PHP
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found
source
list
7.3.0
team
downloads
please
visit
Windows
binaries
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Samples