```
In [1]: pip install nltk
         Requirement already satisfied: nltk in c:\programdata\anaconda3\lib\site-packages (3.5)
         Requirement already satisfied: regex in c:\programdata\anaconda3\lib\site-packages (from nltk) (2020.10.15)
         Requirement already satisfied: tqdm in c:\programdata\anaconda3\lib\site-packages (from nltk) (4.50.2)
         Requirement already satisfied: joblib in c:\programdata\anaconda3\lib\site-packages (from nltk) (0.17.0)
         Requirement already satisfied: click in c:\programdata\anaconda3\lib\site-packages (from nltk) (7.1.2)
         Note: you may need to restart the kernel to use updated packages.
 In [2]: import nltk
         nltk.download('all')
         [nltk_data] Downloading collection 'all'
         [nltk_data]
                           Downloading package abc to
          [nltk_data]
         [nltk_data]
                               C:\Users\Admin\AppData\Roaming\nltk_data...
         [nltk_data]
[nltk_data]
                             Package abc is already up-to-date!
                           Downloading package alpino to
          [nltk_data]
                               C:\Users\Admin\AppData\Roaming\nltk_data...
          [nltk_data]
                             Package alpino is already up-to-date!
                           Downloading package averaged_perceptron_tagger to
         [nltk_data]
          [nltk_data]
                               C:\Users\Admin\AppData\Roaming\nltk_data...
         [nltk_data]
                             Package averaged_perceptron_tagger is already up-
         [nltk_data]
                                 to-date!
          [nltk_data]
                           Downloading package averaged_perceptron_tagger_eng to
         [nltk data]
                               C:\Users\Admin\AppData\Roaming\nltk_data...
         [nltk_data]
                             Package averaged_perceptron_tagger_eng is already
                                 up-to-date!
         [nltk_data]
         [nltk_data]
                           Downloading package averaged_perceptron_tagger_ru to
         [nltk_data]
                              C:\Users\Admin\AppData\Roaming\nltk_data...
         [nltk_data]
                             Package averaged_perceptron_tagger_ru is already
 In [3]: from nltk import word_tokenize
 In [4]: | sent="my name is shravani."
         x=print(word_tokenize(sent))
         print(x)
         ['my', 'name', 'is', 'shravani', '.']
         None
 In [5]: import nltk
 In [6]: from nltk.corpus import stopwords
         from nltk.tokenize import word_tokenize
 In [7]: sent=' '.join([word for word in sent.split() if word not in(stopwords.words('english'))])
         print(sent)
         name shravani.
 In [8]: str1=input()
         tokens=word_tokenize(str1)
         Hey, I'm Shravani Aianpure. Welcome to my coding world.
 Out[8]: ['Hey',
          ',',
'I',
           "'m",
           'Shravani',
           'Aianpure',
           'Welcome',
          'to',
           'my'
           'coding',
           'world',
           '.']
 In [9]: from nltk import sent_tokenize
In [10]: |sent=input("Enter any document")
         res= sent_tokenize(sent)
         Enter any documentI love my parents. My dog loves to play. I like my school.
Out[10]: ['I love my parents.', 'My dog loves to play.', 'I like my school.']
```

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In [11]: from nltk.tokenize import TreebankWordTokenizer
In [12]: text="Hey I'm Shravani. welcome to my coding world"
           res=TreebankWordTokenizer()
           res.tokenize(text)
Out[12]: ['Hey', 'I', "'m", 'Shravani.', 'welcome', 'to', 'my', 'coding', 'world']
In [13]: from nltk.corpus import stopwords
In [14]: nltk.download('stopwords')
           [nltk_data] Downloading package stopwords to
           [nltk_data]
                            C:\Users\Admin\AppData\Roaming\nltk_data...
           [nltk_data] Package stopwords is already up-to-date!
Out[14]: True
In [15]: stopwords.words('english')
Out[15]: ['i', 'me',
            'my',
            'myself',
            'we',
'our'
             'ours',
            'ourselves',
             'you',
             "you're",
            "you've",
            "you'11",
            "you'd",
            'your',
'yours',
            'yourself',
             'yourselves',
            'he',
            'him',
In [16]: stopwords=set(stopwords.words('english'))
           stopwords
Out[16]: {'a',
             'about',
            'above',
            'after',
            'again',
             'against',
            'ain',
            'all',
            'am',
            'an'
            'and',
            'any',
            'are',
            'aren',
            "aren't",
             'as',
            'at',
            'be',
            'because',
In [17]: data = "Hi! I'm Shravani Ainapure, a TY AIML student with pursuing degree in Computer Science and Machine Learning. When I'm not
In [18]: words = word tokenize(data)
           list1=[]
           for w in words:
               if w not in stopwords:
                    list1.append(w)
           print(list1)
           ['Hi', '!', 'I', "'m", 'Shravani', 'Ainapure', ',', 'TY', 'AIML', 'student', 'pursuing', 'degree', 'Computer', 'Science', 'Mach ine', 'Learning', '.', 'When', 'I', "'m", 'debugging', ',', "'ll", 'find', 'dancing', ',', 'traveling', ',', 'movie-watching', 'favorite', 'series', '!']
 In [ ]:
```