

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] |
[nltk_data] | Downloading package abc to
[nltk_data] | C:\Users\Admin\AppData\Roaming\nltk_data...
[nltk_data] | Package abc is already up-to-date!
[nltk_data] | Downloading package alpino to
[nltk_data] | C:\Users\Admin\AppData\Roaming\nltk_data...
[nltk_data] | Package alpino is already up-to-date!
[nltk_data] | Downloading package averaged_perceptron_tagger to
[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
[nltk_data] | up-to-date!
[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)`  
`tokens`

```
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)`  
`res`

```
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.']`

In [ ]:

