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Lab 09

**Removing stop words with NLTK in Python**

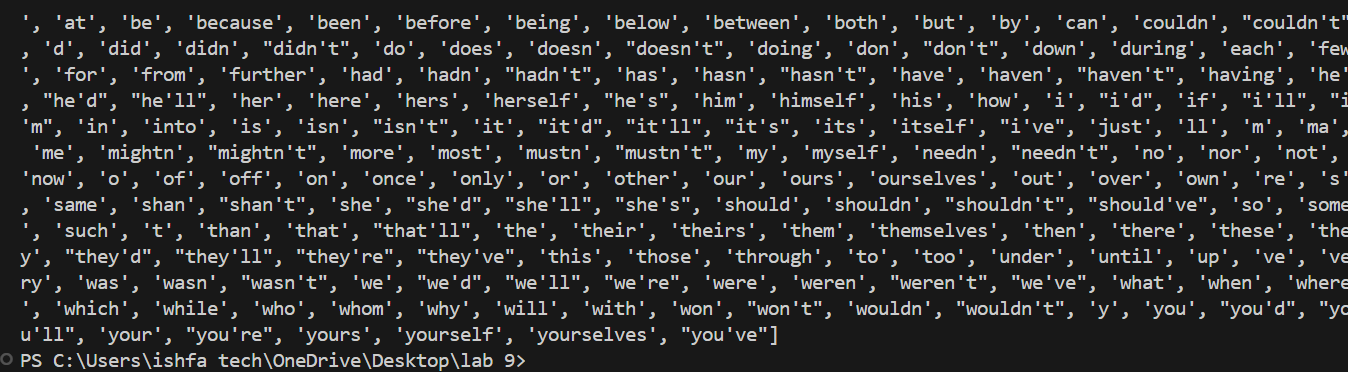
import nltk

from nltk.corpus import stopwords

nltk.download('stopwords')

print(stopwords.words('english'))

out put



from nltk.corpus import stopwords

from nltk.tokenize import word\_tokenize

example\_sent = """This is a sample sentence,

                showing off the stop words filtration."""

stop\_words = set(stopwords.words('english'))

word\_tokens = word\_tokenize(example\_sent)

filtered\_sentence = [w for w in word\_tokens if not w.lower() in stop\_words]

filtered\_sentence = []

for w in word\_tokens:

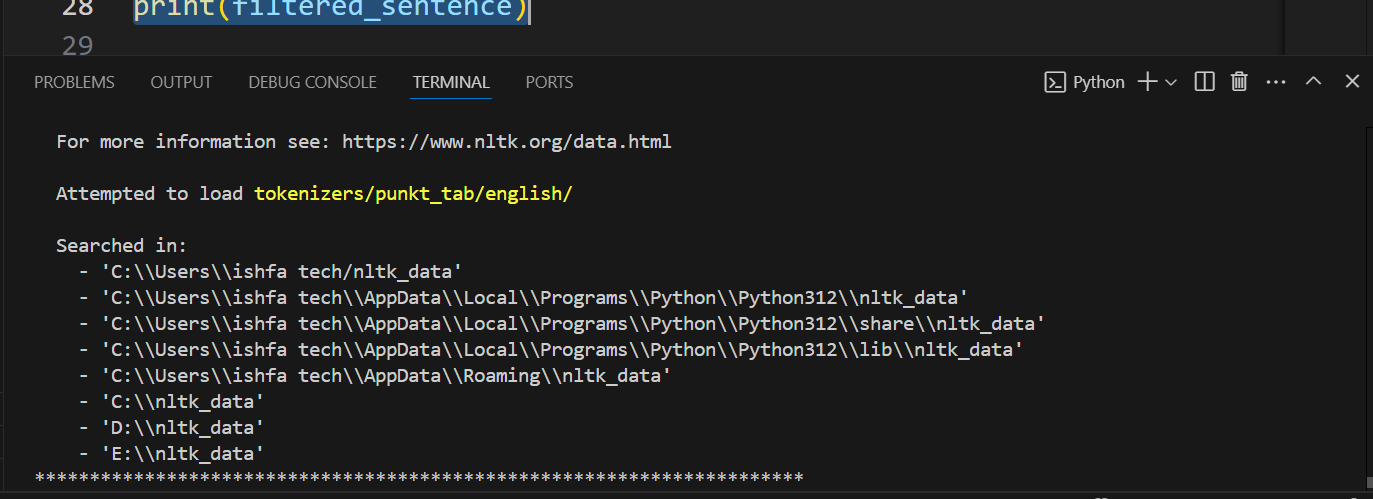
    if w not in stop\_words:

        filtered\_sentence.append(w)

print(word\_tokens)

print(filtered\_sentence)

output



Checking English Stopwords List

from nltk.corpus import stopwords

from nltk.tokenize import word\_tokenize

example\_sent = """This is a sample sentence,

                showing off the stop words filtration."""

stop\_words = set(stopwords.words('english'))

word\_tokens = word\_tokenize(example\_sent)

filtered\_sentence = [w for w in word\_tokens if not w.lower() in stop\_words]

filtered\_sentence = []

for w in word\_tokens:

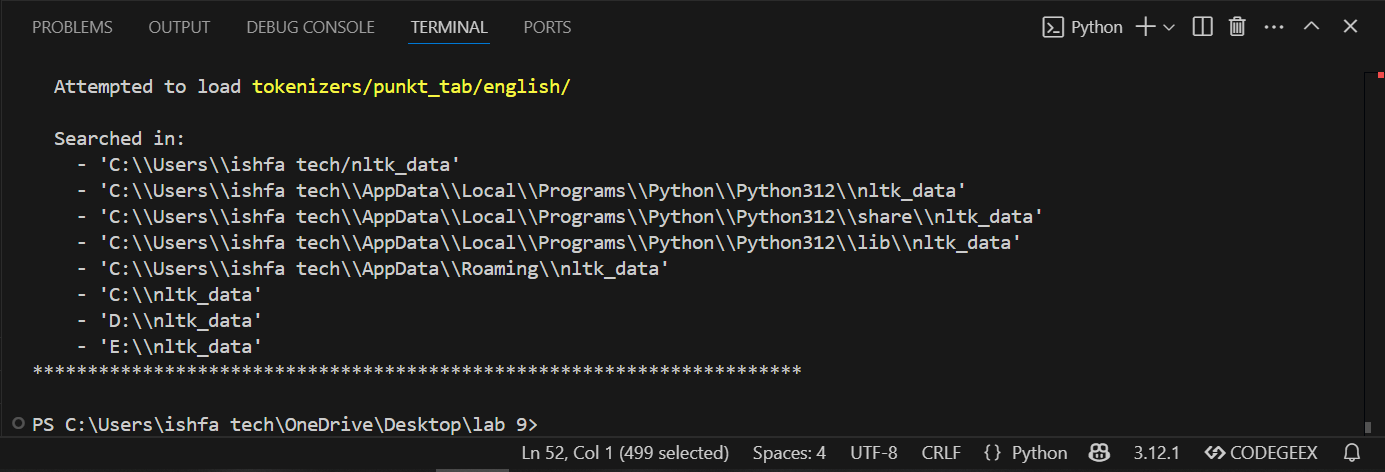
    if w not in stop\_words:

        filtered\_sentence.append(w)

print(word\_tokens)

print(filtered\_sentence)

output



* [Removing stop words with NLTK](https://www.geeksforgeeks.org/removing-stop-words-nltk-python/#removing-stop-words-with-nltk)
* from nltk.corpus import stopwords
* from nltk.tokenize import word\_tokenize
* example\_sent = """This is a sample sentence,
* showing off the stop words filtration."""
* stop\_words = set(stopwords.words('english'))
* word\_tokens = word\_tokenize(example\_sent)
* filtered\_sentence = [w for w in word\_tokens if not w.lower() in stop\_words]
* #with no lower case conversion
* filtered\_sentence = []
* for w in word\_tokens:
* if w not in stop\_words:
* filtered\_sentence.append(w)
* print(word\_tokens)
* print(filtered\_sentence)

out put

