```
import nltk
nltk.download('punkt')
```

```
[nltk_data] Downloading package punkt to /root/nltk_data...
[nltk_data]   Unzipping tokenizers/punkt.zip.
True
```

```
from nltk import word_tokenize,sent_tokenize
```

```
a="I am Pratik Ghondage from computer. \
It is one of the best Department."
print(word_tokenize(a))
print(sent_tokenize(a))
```

```
['I', 'am', 'Pratik', 'Ghondage', 'from', 'computer', '.', 'It', 'is', 'one', 'of', 'the', 'best', 'Department', '.']
['I am Pratik Ghondage from computer.', 'It is one of the best Department.']
```

```
from nltk.stem import PorterStemmer
```

```
porter=PorterStemmer()
```

```
print(porter.stem("play"))
print(porter.stem("playing"))
print(porter.stem("plays"))
print(porter.stem("played"))
```

```
play
play
play
play
```

```
nltk.download('wordnet')
from nltk.stem import WordNetLemmatizer
```

```
[nltk_data] Downloading package wordnet to /root/nltk_data...
```

```
lemmatizer=WordNetLemmatizer()
print(lemmatizer.lemmatize("plays",'v'))
print(lemmatizer.lemmatize("played",'v'))
print(lemmatizer.lemmatize("play",'v'))
print(lemmatizer.lemmatize("playing",'v'))
print(lemmatizer.lemmatize("communication",'v'))
```

```
play
play
play
play
communication
```

```
from nltk import pos_tag
from nltk import word_tokenize
```

```
text="The cat sat on the mat."
tokenized_text=word_tokenize(text)
```

```
Start coding or generate with AI.
```

```
nltk.download('stopwords')
from nltk.corpus import stopwords
from nltk.tokenize import word_tokenize
```

```
[nltk_data] Downloading package stopwords to /root/nltk_data...
[nltk_data]   Unzipping corpora/stopwords.zip.
```

```
example_sent="Amrutvahini college is a good college"
stop_words=set(stopwords.words('english'))
```

```
word_tokens=word_tokenize(example_sent)
```

```
feltered_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)
```

```
['Amrutvahini', 'college', 'is', 'a', 'good', 'college']
```

```
print(filtered_sentence)
```

```
['Amrutvahini', 'college', 'good', 'college']
```

Start coding or generate with AI.