

```
In [4]: from nltk.tokenize import sent_tokenize, word_tokenize
text1="Hi Sharmila ma'mam , How are you "
print(sent_tokenize(text1))
print(word_tokenize(text1))
```

```
["Hi Sharmila ma'mam , How are you"]
['Hi', 'Sharmila', "ma'mam", ',', 'How', 'are', 'you']
```

```
In [6]: for i in word_tokenize(text1):
        print(i)
```

```
Hi
Sharmila
ma'mam
,
How
are
you
```

```
In [5]: import nltk
texts="""I love NLP """
for text in texts:
    sentences=nltk.sent_tokenize(texts)
    for sentence in sentences:
        words=nltk.word_tokenize(sentence)
        tagged=nltk.pos_tag(words)
        print(tagged)
```

```
[('I', 'PRP'), ('love', 'VBP'), ('NLP', 'RB')]
[('I', 'PRP'), ('love', 'VBP'), ('NLP', 'RB')]
[('I', 'PRP'), ('love', 'VBP'), ('NLP', 'RB')]
[('I', 'PRP'), ('love', 'VBP'), ('NLP', 'RB')]
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[('I', 'PRP'), ('love', 'VBP'), ('NLP', 'RB')]
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[('I', 'PRP'), ('love', 'VBP'), ('NLP', 'RB')]
[('I', 'PRP'), ('love', 'VBP'), ('NLP', 'RB')]
```

```
In [7]: for i in sent_tokenize(text1):
        print(i)
```

```
Hi Sharmila ma'mam , How are you
```

```
In [16]: from nltk.tree import *
dp1 = Tree('dp', [Tree('d', ['the']), Tree('np', ['dog'])])
dp2 = Tree('dp', [Tree('d', ['the']), Tree('np', ['cat'])])
vp = Tree('vp', [Tree('v', ['chased']), dp2])
tree = Tree('s', [dp1, vp])
print(tree)
(s (dp (d ) (np )) (vp (v ) (dp (d ) (np ))))
```

```
(s (dp (d the) (np dog)) (vp (v chased) (dp (d the) (np cat))))
```

```
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NameError                                Traceback (most recent call last)
<ipython-input-16-e5473e930ef0> in <module>
      5 tree = Tree('s', [dp1, vp])
      6 print(tree)
----> 7 (s (dp (d ) (np )) (vp (v ) (dp (d ) (np ))))
```

**NameError:** name 's' is not defined

In [0]:

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