Saloni Bhingardive Roll NO 23 NLP PRAC 05

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

```
[nltk_data] Downloading package punkt to /root/nltk_data...
[nltk_data]   Package punkt is already up-to-date!
[nltk_data] Downloading package averaged_perceptron_tagger to
[nltk_data]     /root/nltk_data...
[nltk_data]   Unzipping taggers/averaged_perceptron_tagger.zip.
True
```

```
from nltk.tokenize import word_tokenize
```

```
from nltk import pos_tag
```

```
text="Nearly ten books had passed सुंदर since the Dursleys had woken up to find their nephew on the front step
```

+ Code + Text

```
WordList=word_tokenize(text)
for w in WordList:
  tagger=nltk.pos_tag([w])
  print(tagger)
```

```
[('Nearly', 'RB')]
[('ten', 'NNS')]
[('books', 'NNS')]
[('had', 'VBD')]
[('passed', 'VBN')]
[('सुंदर', 'NN')]
[('since', 'IN')]
[('the', 'DT')]
[('Dursleys', 'NNS')]
[('had', 'VBD')]
[('woken', 'NN')]
[('up', 'RB')]
[('to', 'TO')]
[('find', 'VB')]
[('their', 'PRP$')]
[('nephew', 'NN')]
[('on', 'IN')]
[('the', 'DT')]
[('front', 'NN')]
[('step', 'NN')]
[(',', ',')]
[('but', 'CC')]
[('Privet', 'NN')]
[('Drive', 'NN')]
[('had', 'VBD')]
[('hardly', 'RB')]
[('changed', 'VBN')]
[('at', 'IN')]
[('all', 'DT')]
[('.', '.')]
[('The', 'DT')]
[('sun', 'NN')]
[('rose', 'VBD')]
[('on', 'IN')]
```

```
[('the', 'DT')]
[('same', 'JJ')]
[('tidy', 'NN')]
[('front', 'NN')]
[('gardens', 'NNS')]
[('and', 'CC')]
[('lit', 'NN')]
[('up', 'RB')]
[('the', 'DT')]
[('brass', 'NN')]
[('number', 'NN')]
[('four', 'CD')]
[('on', 'IN')]
[('the', 'DT')]
[('Dursleys', 'NNS')]
[("'", "'")]
[('front', 'NN')]
[('door', 'NN')]
[(';', ':')]
[('it', 'PRP')]
[('crept', 'NN')]
[('into', 'IN')]
[('their', 'PRP$')]
[('living', 'NN')]
```

```
text2="Saloni Ronaldo Messi Virat Rohit Harry Zayn Malik Louis Tomlinson"
```

```
WordList2=word_tokenize(text2)
for w in WordList2:
  tagger=nltk.pos_tag([w])
  print(tagger)
```

```
[('Saloni', 'NN')]
[('Ronaldo', 'NN')]
[('Messi', 'NN')]
[('Virat', 'NNP')]
[('Rohit', 'NN')]
[('Harry', 'NNP')]
[('Zayn', 'NN')]
[('Malik', 'NN')]
[('Louis', 'NNP')]
[('Tomlinson', 'NN')]
```

```
text3="बारिश होने के बावजूद भी मैं समय पर कॉलेज पहुँच गया।"
```

```
WordList3=word_tokenize(text3)
for w in WordList3:
  tagger=nltk.pos_tag([w])
  print(tagger)
```

```
[('बारिश', 'NN')]
[('होने', 'NN')]
[('के', 'NN')]
[('बावजूद', 'NN')]
[('भी', 'NN')]
[('मैं', 'NN')]
[('समय', 'NN')]
[('पर', 'NN')]
[('कॉलेज', 'NN')]
[('पहुँच', 'NN')]
[('गया।', 'NN')]
```

Start coding or generate with AI.

Start coding or generate with AI.