

1. **Tokenize the given sentence into words**

"I am learning natural language processing in Amrita"

2. **Split the content into sentences.**

"I went to meet Dr.Lakshmi. I am studying in 9. she lives in new york."

3. **Tokenize the given tweet**

"This is a coool #dummysmile: :-) :-P <3 and some arrows < > -> <--
. @remy: This is waaaaayyyy too much for you!!!!!"

4. **Convert the given sentence into upper case and lower case**

"I am learning natural language processing in Amrita"

5. **Correct the spelling of the given sentence "I ma naer hte gadrne in the ciyt"**

Note: *NLTK has no libraries for spell check.Few independent libraries can be used.*

1.**Autocorrect**

```
Pip install autocorrect
from autocorrect import Speller
correctSpell=Speller(lang='en')
correctSpell("I ma naer hte gadrne in the ciyt")
```

2.**pyspellchecker**

```
pip install pyspellchecker
```

6. **Apply Text normalization in given words**

"books booking booked education educate educated fancy fancier processes process si
ng sung sang singing sings"

Note : *Text normalization performs stemming(porter,snowball and Lancaster) and
lemmatization.*

7. **Extract numbers and letters separately using Regextokenizer.**

text="1a2b3c4d5e"

8. **Using Lesk Algorithm define the word book in two given sentences.**

seq1 = 'I love reading books on coding.'

seq2 = 'The table was already booked by someone else.'