In [1]:
```
import nltk
from nltk import word_tokenize
sentence = "I am going to school"
print (nltk.pos_tag(word_tokenize(sentence)))
```

```
[('I', 'PRP'), ('am', 'VBP'), ('going', 'VBG'), ('to', 'TO'), ('school', 'N
N')]
```

NLTK POS Tag List

```
CC: It is the conjunction of coordinating
CD: It is a digit of cardinal
DT: It is the determiner
EX: Existential
FW: It is a foreign word
IN: Preposition and conjunction
JJ: Adjective
JJR and JJS: Adjective and superlative
LS: List marker
MD: Modal
NN: Singular noun
NNS, NNP, NNPS: Proper and plural noun
PDT: Predeterminer
WRB: Adverb of wh
WP$: Possessive wh
WP: Pronoun of wh
WDT: Determiner of wp
VBZ: Verb
VBP, VBN, VBG, VBD, VB: Forms of verbs
UH: Interjection
TO: To go
RP: Particle
RBS, RB, RBR: Adverb
PRP, PRP$: Pronoun personal and professional
```

In [2]:
```
import nltk
from nltk.corpus import wordnet #Import wordnet from the NLTK
syn = list()
ant = list()
for synset in wordnet.synsets("beauty"):
    for lemma in synset.lemmas():
        syn.append(lemma.name()) #add the synonyms
        if lemma.antonyms(): #When antonyms are available, add them into the
            ant.append(lemma.antonyms()[0].name())
print('Synonyms: ' + str(syn))
print('Antonyms: ' + str(ant))
```

```
Synonyms: ['beauty', 'smasher', 'stunner', 'knockout', 'beauty', 'ravishe
r', 'sweetheart', 'peach', 'lulu', 'looker', 'mantrap', 'dish', 'beauty',
'beaut']
Antonyms: ['ugliness']
```

In [ ]: