

```
In [1]: #Task 2: STEMMING
import nltk
from nltk.stem import PorterStemmer
stemmerporter=PorterStemmer()
stemmerporter.stem('happiness')
```

Out[1]: 'happi'

```
In [2]: import nltk
from nltk.stem import LancasterStemmer
stemmerlan=LancasterStemmer()
stemmerlan.stem('happiness')
```

Out[2]: 'happy'

```
In [3]: #Regexp
from nltk.stem import RegexpStemmer
stemmerregexp=RegexpStemmer('ing')
stemmerregexp.stem('singing')
```

Out[3]: 's'

```
In [4]: import nltk
from nltk.stem import SnowballStemmer
SnowballStemmer.languages
frenchstemmer=SnowballStemmer('french')
frenchstemmer.stem('manges')
```

Out[4]: 'mang'

```
In [6]: from nltk.stem import PorterStemmer
stemmer=PorterStemmer()
texteg="He loves to Study NLP But He often Ask how to code same?"
texteg=[stemmer.stem(token) for token in texteg.split(" ")]
print(" ".join(texteg))
```

He love to studi nlp but He often ask how to code same?

In [0]: