

In [1]: `from nltk.stem import PorterStemmer`

```
# Create a Porter Stemmer instance
porter_stemmer = PorterStemmer()

# Example words for stemming
words = ["running", "jumps", "happily", "running", "happily"]

# Apply stemming to each word
stemmed_words = [porter_stemmer.stem(word) for word in words]

# Print the results
print("Original words:", words)
print("Stemmed words:", stemmed_words)
```

Original words: ['running', 'jumps', 'happily', 'running', 'happily']
Stemmed words: ['run', 'jump', 'happili', 'run', 'happili']

In [2]: `from nltk.stem import SnowballStemmer`

```
# Choose a language for stemming, for example, English
stemmer = SnowballStemmer(language='english')

# Example words to stem
words_to_stem = ['running', 'jumped', 'happily', 'quickly', 'foxes']

# Apply Snowball Stemmer
stemmed_words = [stemmer.stem(word) for word in words_to_stem]

# Print the results
print("Original words:", words_to_stem)
print("Stemmed words:", stemmed_words)
```

Original words: ['running', 'jumped', 'happily', 'quickly', 'foxes']
Stemmed words: ['run', 'jump', 'happili', 'quick', 'fox']

In [3]: `from nltk.stem import LancasterStemmer`

```
# Create a Lancaster Stemmer instance
stemmer = LancasterStemmer()

# Example words to stem
words_to_stem = ['running', 'jumped', 'happily', 'quickly', 'foxes']

# Apply Lancaster Stemmer
stemmed_words = [stemmer.stem(word) for word in words_to_stem]

# Print the results
print("Original words:", words_to_stem)
print("Stemmed words:", stemmed_words)
```

Original words: ['running', 'jumped', 'happily', 'quickly', 'foxes']
Stemmed words: ['run', 'jump', 'happy', 'quick', 'fox']

In []:

