



## ACTIVITY #1

### 1. Fill in the blank activity.

1. Stemming is a linguistic process that involves eliminating \_\_\_\_\_ and \_\_\_\_\_ from words to reduce them to their root or stem.
2. Stemming is commonly used to enhance \_\_\_\_\_, which is the way computer programs understand \_\_\_\_\_.
3. By reducing words to their stem, stemming makes it easier to find patterns in a text, especially when words on similar topics become \_\_\_\_\_ terms.
4. Lemmatization differs from stemming as it uses dictionaries to find the base or \_\_\_\_\_ of a word, also known as the \_\_\_\_\_ of inflected forms.
5. Natural Language Processing (NLP) is crucial for SEO, and stemming can be used to improve search functions on a website and other \_\_\_\_\_ or internal features.