**ACTIVITY #5**

1. **Multiple choice activity:** Multiple Choice Questions (MCQs) based on the NLP Article.

Select the correct answer.

1. What is the purpose of stemming in Natural Language Processing (NLP)?

- A) Extracting a word's original form.

- B) Breaking down sentences into tokens.

- C) Removing punctuation from text.

- D) Identifying parts of speech.

2. What does lemmatization focus on in NLP?

- A) Extracting a word's original form.

- B) Breaking down sentences into tokens.

- C) Removing affixes from words.

- D) Mapping words to numerical vectors.

3. What is the purpose of tokenization in NLP?

- A) Extracting a word's original form.

- B) Breaking down sentences into tokens.

- C) Removing affixes from words.

- D) Mapping words to numerical vectors.

4. What does the term "lexicons" refer to in linguistics and NLP?

- A) Breaking down sentences into tokens.

- B) Part of the grammar dealing with word meanings.

- C) Mapping words to numerical vectors.

- D) Extracting a word's original form.

5. What is the purpose of word embeddings in NLP?

- A) Breaking down sentences into tokens.

- B) Extracting a word's original form.

- C) Mapping words to numerical vectors.

- D) Removing punctuation from text.