Section 1: Introduction Natural Language Processing (NLP) is a field of Artificial Intelligence that focuses on the interaction between computers and humans through natural language. It involves reading, understanding, and deriving meaning from human language. Section 2: Basic Concepts Tokenization: The process of splitting text into individual words or phrases. Stemming: Reducing words to their root forms. Lemmatization: Grouping together different forms of a word to analyze them as a single item. Section 3: Conclusion NLP is a powerful tool that allows machines to understand and respond to human language effectively. Its applications range from sentiment analysis to machine translation.

