1. Explain One-Hot Encoding  
   One hot encoding is a technique used to represent categorical variables as numerical values in a machine learning model
2. Explain Bag of Words  
     
   Bag-of-words(BoW) is a statistical language model used to analyze text and documents based on word count.
3. Explain Bag of N-Grams  
   A bag-of-n-grams model records the number of times that each n-gram appears in each document of a collection. An n-gram is a collection of n successive words.
4. Explain TF-IDF  
   Inverse Document Frequency (TF-IDF) is a widely used statistical method in natural language processing and information retrieval.
5. What is OOV problem?  
   Out-of-vocabulary (OOV) are terms that are not part of the normal lexicon found in a natural language processing environment. In speech recognition, it's the audio signal that contains these terms. Word vectors are the mathematical equivalent of word meaning
6. What are word embeddings?  
   Word Embeddings in NLP is a technique where individual words are represented as real-valued vectors in a lower-dimensional space and captures inter-word semantics.
7. Explain Continuous bag of words (CBOW)  
   In the CBOW model, the distributed representations of context (or surrounding words) are combined to predict the word in the middle.
8. Explain SkipGram  
   Skip-gram is one of the unsupervised learning techniques used to find the most related words for a given word.
9. Explain Glove Embeddings.

The basic idea behind the GloVe word embedding is to derive the relationship between the words from statistics.