Making a chatbot

Terminal Lines

python3 -m venv chatbott //we used to make a virtual environment of python 3 and the folders name

chatbott/bin/activate // to activate the bin or the scripts of the chatbott python

pip install numpy

pip install tensorflow

pip install nltk //natural language tool kit

Lemmatization

Reducing a word to its root word

Eg: running -> run

walked->walk

runs -> run

words, such as "better" might be broken down to a lemma such as "good."

Difference bw lemmatization and stemming

Stemming just removes the prefix or suffix for eg studies - > studi but for lemma study will be the o/p

Stemming is faster but inaccurate

open('intents.json').read(): This opens the file named intents.json in the current directory and reads its contents as a string

json.loads(): This function is used to deserialize a JSON string into a Python dictionary. It takes a JSON string as input and returns the corresponding Python dictionary.