**PROGRAM-10**

**Aim:** Write a program in python to implement Lemmatization using NLTK

**Logic:** Lemmatization is the process of grouping together the different reflected forms of a word so that can be analyzed as a single item. It is similar to stemming but it brings context to the word. So, it links word with similar meaning to one word.

**Algorithm:**

1. Import NLTK
2. From nltk.stem import WordnetLemmatizer
3. Import sentence from user
4. Remove punctuations from sentence
5. Print each lemmatized word with corresponding lemma

**Implementations:**

from nltk.stem import WordNetLemmatizer

import string

lemmatizer = WordNetLemmatizer()

message = *input*("Enter a message : ")

punctuations = string.punctuation

for word in message:

    if word in punctuations:

        message.remove(word)

message = message.split()

*print*("word\t\tlemma")

for word in message:

*print*(*f*"{word}\t\t{lemmatizer.lemmatize(word)}")

**Input:**

rocks corpus better

**Output:**

