

ASSESSMENT-2, F2

Write a python program for following questions:

- a) Take dynamic input from user as a paragraph (give input > 20 lines) and remove punctuations first (only). Then print resulting paragraph (after removing punctuations).
- b) Afterwards, remove stop words and print the whole paragraph again.
- c) Next, find the frequencies of those words that start with vowel and write the result in a excel file with two columns of **"words"** and **"freq"**.
- d) Prepare a dictionary that shall contain all words (after removing punctuations and stop words) and apply stemming to reduce inflected words to their word stem, base or root form. Search for any word and print the details.

P.S: you can use NLTK package and other required packages.