Damietta University
Faculty of Computers and Artificial Intelligence

Information Storage and Retrieval Course, Year 2022/2023

Task (1)

Write a python program to apply Inverted Index data structure, the program takes a word\term from the user and returns the postings list.

Example:

Doc 1: new home sales top forecasts.

Doc 2: home sales rise in July

Doc 3: increase in home sales in July.

Doc 4: July new home sales rise

Input: home

Output: 1,2,3,4

Bonus:

removing stop words (in, is, a, and, are... etc) from the document.

Remarks:
- Due Data is Sunday 5/3/2023.
- Solve this task **individually**.