MAI372– Natural Language Processing
III MSc AIM
01-03-2024

Regular lab Question

Lab Exercise 4:

1. Write a program to get synonyms from WordNet. (5 words minimum for all the sub questions, for instance: - bear, set, square, lead, criteria)
   a) Find the 3rd meaning of the word in the list.
   b) Extract the nouns of the word from the synonyms list.
   c) Extract the verbs of the word from the synonyms list.
   d) Extract the adjectives of the word from the synonyms list.
   e) Extract the adverbs of the word from the synonyms list.
   f) Extract the definition of the word. (For instance, 'Bear' - massive plantigrade carnivorous or omnivorous mammals with long shaggy coats and strong claws)
   g) Find the hypernyms of each word.
   h) Find the hyponyms of each word.
   i) Find the similarities of any two hyponyms of a word.

Program Evaluation Rubrics

C1-Timely Submission---2 marks,

C2-Correctness & Clarity---4 marks,

C3-Complexity & Validation---2 marks,

C4-Viva Voice------2 marks

General Instructions

- The file you have to save with your name, last 3 digits of register number and program number "Aaron_201_Lab1".
- The implemented code you have to download and upload in the Google Class room in the given scheduled time.