## Artificial Intelligence

Assignment -5 Report

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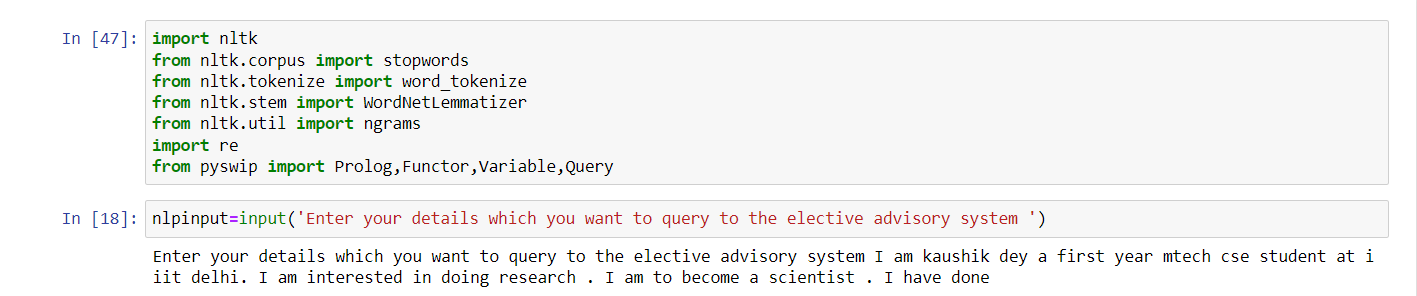
Pre-processing of the Program

Step1: Take the input from the user in form of natural language using python.

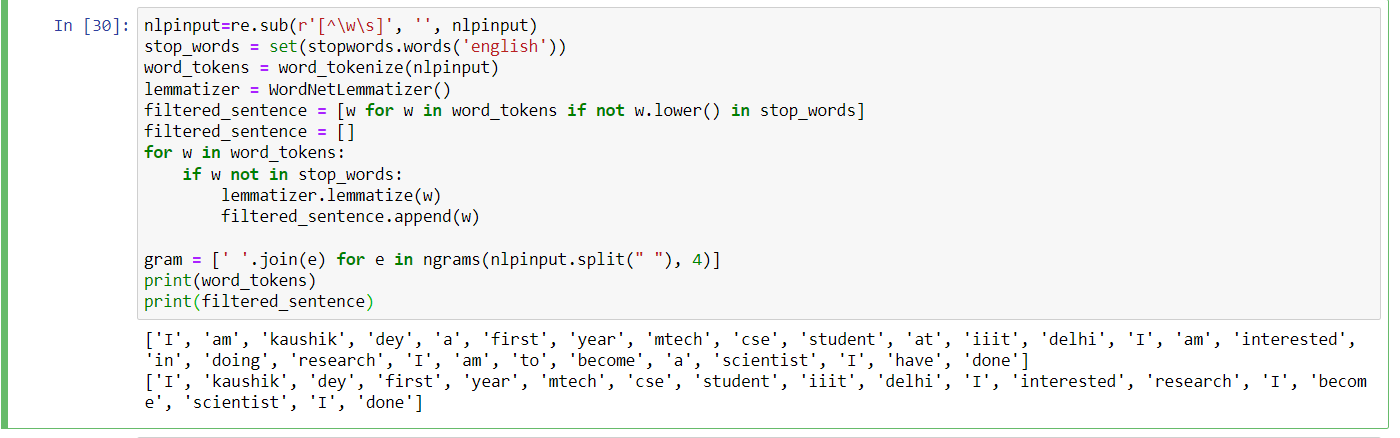
Step2: Performed stop word removal, lemmatization, ngram conversion and lowercase conversion.

Step3: From the ngram list each important information was searched through substring comparison method and then written to a file prolog file as facts .

Explanation of the code



imported all the desired libraries and taken the input from the user .



Lemmatized and removed stopwords and also used ngrams taking n as 4.





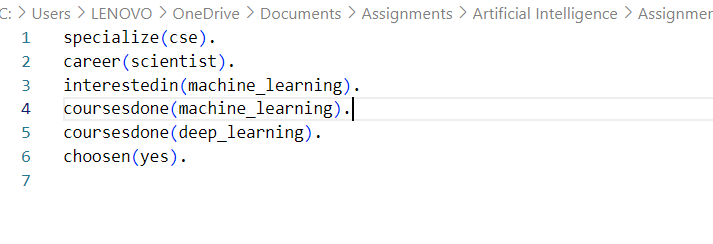


Searched for interest .



Checked whether user has done any project or not. Closed the file .

The facts file.



Output

