Steps for running the program:

Copy the folder DataMining to some path

In DataMining folder, we have 3 subfolders client, server and data.

1) Creating data set:
    a. Run script createDataset.bat
2) **Setup Stanford CORE nlp: (Prerequisite: JAVA)**
    a. Download Stanford core NLP from: https://stanfordnlp.github.io/CoreNLP/
    b. Extract the downloaded Stanford code in the DataMining folder.
    c. Change the folder name of stanford core NLP in file "runStanford.bat" to your folder name(default name is "stanford-corenlp-full-2018-02-27")
    d. Run script 'runStanford.bat' to start Stanford core NLP
3) Running server code
   Prerequisite:
    a. pip install IPython
    b. pip install bs4
    c. pip install urllib3
    d. pip install requests
    e. pip install nose
    f. pip install pycorenlp
    g. pip install textblob
    h. pip install idlelib
    i. pip install numpy
    j. pip install pandas
    k. pip install sklearn
    l. pip install nltk
    m. pip install prettytable
    n. pip install mpld3
       and install any other packages which are already not present.

   Type command python Main.py. Prints out a port number and ip to which client should be connected.
4) Running client code

   Type command python Main.py <ip> <port>. eg: python Main.py 192.168.0.18 51800.
   You can perform the following operations.
    - testSet: To test the model
    - recommendationSet: To determine movie genre similarities for recommendations.
    - k-mean <number>: For computing K-mean clustering. Number should be the k values.
    - knn <number>: For computing Knn algorithm for clustering movies. Number should be any integer.