ReadMe

(1) Files
   a. **NaiveBayes.py**- This file contains the structure for the naïve bayes model.
   b. **Preprocess.py**- Feature selection based on Tf-Idf values, is implemented in this file.
   c. **Run.py**- This file is used to call the naiveBayes class, perform splitting into test and train data, train the model, and implement the feature selection, if required.

(2) How to run
   a. To run the code, one can call the **run.py** file to train the naïve bayes model and perform classification.

(3) Graphs and Plots
   a. All the graphs and confusion matrices for different trials have been stored in directory "A3/plots".