**The Flow of code is as following:**

1. First, we have imported the various python libraries required for the code.
2. A function for sentiment analysis to predict sentiment polarity and subjectivity using Text Blob.
3. A function for entity extraction to extract our entities.
4. A function for part of speech tagging.
5. A function to filter HTML tags from our text.
6. A function to generate tokens.
7. A function to remove noises from our text.
8. Then, we have connected to mongo dB database using URI and we have selected the fields for which entity extraction is to be done.
9. In the function searching collection, we have implemented entity extraction, sentiment analysis and part of speech tagging for our desired row and updated the new fields into the collection.