**ALGORITHM**

Our aim is to check that how many comments in the given list of comments are positive, negative or neutral

1. For that, We have made a program using class as analysis, and defining its methods
2. Under the class we have assigned class variables including positive, negative, neutral keywords as pchar, nchar, ichar
3. We define a constructor \_\_init\_\_ method to initialize values through arguments passed in given list.
4. For this we will run comment wise for loop in given list li. Using split() we have further splitted the string in the list into substrings ,placed in res variable
5. We will run second loop for each element (i) in list to identify that the substring exists in the given list of keywords and identify the category in which it falls out of the three .
6. If the substring is found to be present in pchar, then pstack will get appended under the method reaction or else istack or nstack will get appended
7. In \_count method we have counted the number of keywords that are appended in pstack, nstack, istack through len(pstack) ,len(istack) and len(nstack)
8. In cal\_percent method we have calculated the percent of positive, negative, neutral comments among total number of comments.
9. And finally in the class \_plot we have used matplotlib to plot bar chart for count of category wise comments and pie chart to represent percentage of category wise sentiments.