***Step 3:***

We were supposed to develop a text-analysis program to conduct a sentiment analysis for us. Remember?

In the previous step, we had a list of words (text) that you were asked to find the positive and negative attitude of that list. Remember?

However, in the real world, we usually do not have a list of words. We typically run text analysis and sentiment analysis on paragraphs, pages, and documents. These texts are generally not coming in list format; their data type is usually string! So, let’s get closer to a real-world scenario.

All you need to do is update your program in step 2 to work with a string of words instead of a list of words. In addition, your program should be able to analyze any string of text. Therefore, this time, your program needs to ask the user to provide a text. The user can input a sentence, or a paragraph, or even a page.

***Guideline:***

To achieve the goal, instead of using text(which was a list that were given to you), your program needs to ask the user to provide a text that they want your program to analyze.

Be aware that the user’s input would be string data type. So, you need to update your program accordingly. 😉

This time, you are not provided with any algorithm. So, you can be creative and design your program however you like to.

As a programmer, sometimes we need to be creative and sometimes we need to follow a given procedure (which is usually given by the analysis team). In the past two steps we practiced how to follow a given procedure step-by-step. In this step and the next one you have the opportunity to be creative and design your program however you like. 😊 So, let’s have some fun.

***Instruction:***

Once you are sure that your program is working, name your file as

*yourFirstName\_yourTeammateFirstName\_step3.py*

then submitted as the third part of your project.

***Knowledge needed:***

To do this part of the project, you need to have enough knowledge about lists and strings. (Chapters 7 and 8).