***Step 1:***

Let’s start our project.

In the first step, we need two functions (including main function). The main purpose of this step is to learn how to count for some of the given words in a list of available words.

***Guideline:***

1. First define your main function. Your main function is responsible for creating the required variables and calling the other function. At the end, main function should display the output of the second function.
   1. In the main function, you need to define the following 10 constant variables. (Yes, I know it is hardcoding, which I’m always against with. But in the next step we will replace this hardcoding with asking from the user)

Word1 = This

Word2 = is

Word3 = a

Word4 = beautiful

Word5 = and

Word6 = sunny

Word7 = day

Sentiment1 = Beautiful

Sentiment2 = beautiful

Setniment3 = sunny

* 1. Then, call your second function in the proper format
  2. At the end, you need to display the output of your second function. Make sure to communicate with your user properly.

1. Now, it’s time to define your second function and name it counting
   1. You should pass the contact variables into this function
   2. Then you should compare each Word with each Sentiment and count for the number of Words that are equal to Sentiments.
      1. If any of these Words is equal to any of these Sentiments, then you need to 1 to your total count.
   3. At the end you need to return the value of total count to be used in other functions.

***Instruction:***

Make sure your program runs properly and provide you with the correct answer. The correct answer is 2.

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

*TeamXXX \_step1.py*

then submit it as the first part of your project.

***Knowledge needed:***

To do this part of the project, you need to have enough knowledge about if-then clause (chapter3) (and in case you want to use loops then you need to have enough knowledge about loops (chapter 4) ) and functions. (Chapters 5).