This assignment is intended to ensure that you are able to edit and submit Jupyter Notebooks.

The goal is to write a function to count the frequency of different characters in a given string. For example: character_frequency('google') should return a dict: {'g': 2, 'o': 2, 'l': 1, 'e': 1}.

There are many tutorials on the web that can show you how to use the Python data structures. Quite a few examples at:

https://docs.python.org/3/tutorial/datastructures.html

You should edit the function definition below, make sure to press 'Shift + Enter' to execute it, and then execute the two function calls to check that the output is correct.

```
In [4]: def character_frequency(s):
    ret = dict()
    for char in s:
        if char in ret:
            ret[char] += 1
        else:
            ret[char] = 1
    return ret

In [5]: character_frequency('google')

Out[5]: {'g': 2, 'o': 2, 'l': 1, 'e': 1}

In [6]: character_frequency('This assignment is intended to ensure that you are able
```

```
Out[6]: {'T': 1,
          'h': 2,
          'i': 6,
           's': 7,
           ' ': 15,
           'a': 5,
           'q': 1,
           'n': 6,
           'm': 2,
           'e': 10,
           't': 10,
          'd': 4,
           'o': 6,
           'u': 4,
           'r': 3,
           'y': 2,
           'b': 3,
           'l': 1,
           'J': 1,
           'p': 1,
           'N': 1,
          'k': 1,
           '.': 1}
```

In Below, Provide GitHub Repository URL:

https://github.com/govinds108/DATA602_Computing-Environment/tree/main

In Below, GitHub Page URL:

https://govinds108.github.io/DATA602_Computing-Environment/

Below, add the screenshots. You can include additional markdown or text cells if needed.





