Lecture 7 Coding Practices

Please open your PyCharm and proceed with the following tasks.

You may need to use online resources to complete this task. As a programmer, always know that google is your friend and stack overflow (https://stackoverflow.com/) is your best friend 😊

Strings

1) Write a Python function that takes a string and calculates the length of a string and returns it. Print the returned value.

2) Write a Python function that takes a string and counts the number of characters (character frequency) in a string. For example, if we send 'google.com' to the function, it should return a dictionary like this {'g': 2, 'o': 3, 'l': 1, 'e': 1, '.': 1, 'c': 1, 'm': 1}

3) Create a string of your choice and apply a minimum of 8 of following methods to it and print the result.

   https://docs.python.org/3.8/library/string.html

4) Write a Python function that converts temperatures from Fahrenheit to Celsius.

   Additional practices

   It's a good idea that you make yourself familiar with formatting strings in Python. Please check https://docs.python.org/3.8/library/string.html#format-examples and practice a few examples