**Q1: Python Coding**

Write a python function to take a string like "aaaabbbcccdddefgaaa" and count the number of repetitions of each character in it. The output will be a dictionary like

{"a":7, "b":3, "c":3, "d":3, "e":1, "f":1, "g":1}

**Q2: What is the different between a list and a generator**

**Q3: What is the run-time complexity of the following function:**

def test(1: list) :

            for I in L:

                        for j in range (0,100):

                                    print (i\*j)

## Q4: Python Coding

Write a code to call this url every hour and store the returned rss file in a folder called news on the disk. <https://www.yahoo.com/news/rss>