

Watch the videos about the opening a webpage using the urllib package that is available at (<https://youtu.be/J6XGaXe1BCs> ) and the video about the matplotlib package that is available at (<https://youtu.be/AjU4-KBvb-4> ) and then write a python script that does the following:

- 1) [2 Points] Asks the user to enter any URL for a website (webpage), read the contents of that page and prints out its contents on the screen
- 2) [2 Points] Using the matplotlib package, draw a column chart with the frequency of the characters in that webpage
- 3) [2 Points] Using the matplotlib package, draw a column chart with the frequency of the letters in that webpage (A-Z and a-z)
- 4) [2 Points] Using the matplotlib package, draw a column chart with the frequency of the digits in that webpage (0-9)
- 5) [2 Points] Using the matplotlib package, draw a column chart with the frequency of the vowels in that webpage (aeiouAEIOU); please ignore the differences between lower cases and upper case; i.e. count A and a as one character.

Note:

- A. Your program should be MENU driven, in which the script will keep asking the user to enter a choice between (1-5) until the user enters a zero (0), then the program will exit/terminate.
- B. Any program that is not menu driven will not be graded (you will get a ZERRO for it)