

University of Illinois at Urbana-Champaign
Dept. of Electrical and Computer Engineering

ECE 220: Computer Systems & Programming

Review: Letter Frequency Planning

Time to Write Another Program

Let's say that we want to do the following:

- given an **ASCII** string (a sequence of characters terminated by a **NUL**, **ASCII x00**),
- count the occurrences of each letter (regardless of case), and
- count the number of non-alphabetic characters.

Let's Develop a Flow Chart

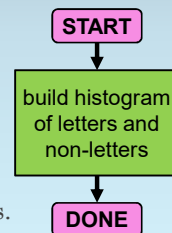
Ready?

My work here is done.

Now you can apply **systematic decomposition**.

What's a histogram?

A function on a set of categories.



These Are Examples of Histograms

