

Lab10 – Strings

On Nov. 22nd

1. Write a program that receives a string and prints out the unique upper-case letters in an alphabetical order. The maximum length of the string is 100:

Enter a string: eLecTRICALENGInEERInG
Upper-case letters: AEGILNRT

2. Write a program that receives two strings and count how many times the second string appears in the first string:

Enter the first string: computer language programming management
Enter the second string: age
Occurrence: 2

3. Write a program that finds the “smallest” and “largest” in a series of words. After the user enters the words, the program will determine which words would come first and last if the words were listed in dictionary order. The program must stop accepting input when the user enters a four-letter word. Assume that no word is more than 20 letters long:

Enter words: dog
Enter words: zebra
Enter words: rabbit
Enter words: catfish
Enter words: walrus
Enter words: cat
Enter words: fish

Smallest word: cat
Largest word: zebra