

COP 2930 - Introduction to Computing Strings - Suggested Exercises

Objective:

1. Practice writing programs that use string variables.

- 1) Write a program that prompts the user to enter two strings and prints out the match score to indicate how similar the words are. If the two strings are different lengths, then you should print a score of 0. Otherwise, if the two strings are the same length, the score printed should be the number of characters in corresponding locations that are the same. For example, the match score between "home" and "host" should be 2 and the match score between "paper" and "caper" should be 4.
- 2) Write a program that asks the user to enter 10 words and prints out the word that comes first alphabetically.
- 3) Write a program that reads in a string of lowercase letters from the user and prints out the number of vowels and the number of consonants in the string. For the purposes of this problem, let the vowels be 'a', 'e', 'i', 'o' and 'u'.