

Programming – DT228/1

Lab 19 – Tuesday, March 12th, 2013

Note: You are expected to finish all programs in your own time if you do not get these done during the lab session. This is your own responsibility.

Strings (part 2)

Remember: Use Symbollic names in your programs. Do not hard-code.

Write separate programs to:

1. Chapter 10 - Q9, Q11 (Hint: Remember how to compare strings?)
2. Write a program that reads a sentence from the keyboard and uses separate functions to do the following:
 - a) Determines the frequency of the word “is” in the sentence (ensure the string contains at least 1 occurrence of this word).
 - b) Calculates the number of characters in the sentence.
 - c) Appends the sentence to the end of the following string: “My sentence is : “
3. Write a program that allows a user to input two words. Compare these words to see if they are the same. Display appropriate messages whether or not the two words are the same.
4. Using **separate functions** for part (a) and (b) below, extend your program in Q3 to do the following:
 - a) Concatenate the first word entered to the end of the string: "First word entered is ". Display this entire string on the screen.
 - b) Calculate the length of the string in part (a) above and display the number of characters used.