M03S01 [Arrays and Strings]: Exercise 06

CS110: Computing Lab
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Problem Description

strcmp is a C library function that compares two strings lexicographically, i.e., according to dictionary order but this comparison is case sensitive. Write a program to implement a string comparison function which is case insensitive. You are not allowed to use any string library function for this. Your program shoud take the two strings as input from user during the runtime. Your prgram can restrict user to input string of a certain maximum length. Program should output the following:

- 0 : if str1 == str2

- a +ve-number : if str1 ¿ str2

- a -ve-number : if str1 ¡ str2

Example 1:
Input string 1: abcd Input string 2: ABCD
Expected Output: 0

Example 2:
Input string 1: b Input string 2: A
Expected Output: a +ve number