

Labwork: String and char

1. Ask the user to enter a string with at most 100 in length. Do the following:
 - a. Convert the input string to all lower cases and print it.
 - b. Convert the input string to all upper cases and print it.
 - c. Write a function called `parseString()` that inputs two string and return either true or false depending on whether the second string matches with the first string.
For example: `cout << parseString(string a, string b)` where `a = "hello my friend"` and `b = "friend"`. It would output 1 (true) because b is in a.
2. Write a program that get a sequence of strings from user. (So you will need to use `string[]` to store all the strings.) Sort the strings alphabetically and returns the string back to the user.
For example: If input strings are "This", "is", "a", "difficult", "course" the output should be:
a
course
difficult
is
This