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