C++ Strings Class Assignments 7-1-2023

1.	Code two functions to convert lowercase string to uppercase and to convert uppercase string to lowercase. Call these in the main() by taking user's choice.
2.	Code recursively to search all occurrences of a character in given string.

3.	Code to find highest frequency character in a string.
	Hint: int freq[255];
	asci_num = (int)str[i]; // Gives the asci value as a number(index) of a char.
	     freq[asci_num]++;

4.	Code to remove all repeated characters from a given string. Input: Programming in C++ Output: Progamin C+
5.	Code to capitalize first letter of each word.
6.	Code to take your full name as input and displays the abbreviations of the first and middle names except the last name which is displayed as it is. For example, if your name is Siddique Adil Borkar, then the output should be S.A.Borkar For example, if your name is Tadela Nikesh, then the output should be T.Nikesh
7.	Code to delete all consonants from the string "Hello, have a good day in NIT Warangal".
8.	Write down the names of 10 of your friends in an array and then sort those in alphabetically ascending order.
9.	Input a string which contains some palindrome substrings. Code to Find out the position of palindrome substrings if exist and replace it by *. For example if input string is "tot is at radar plane wow" then it should convert in " *** is at ***** plane *** ".
10.	Code to reverse individual words in a string, where each word may be delimited by a dot, comma, space or tab. Example www.nitw.ac.co.in should become www.wtin.ca.oc.ni

"Good Education is Taught
 Best Education is Thought "

~KR

"Success is no accident.
It is hard work , perseverance,
Learning , studying , sacrifice
and most of all,
love of what you are doing or
learning to do." *— Pele, Brazilian soccer player*