**String Problems**

(Don’t use library functions other than strlen, strcat, strrev and strcmp)

1. **Write a C Program to count the number of Uppercase and Lowercase Letters.**
2. **Write a C Program to sort the characters in a string.**
3. **Write a C Program to remove all characters in String except Alphabets.**
4. **Write a C Program to remove all occarance of a character c (taken as input) in a string.**
5. **Take a string input and find out the frequency of characters.**

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| **Input: aaabb33cddd**  **Output:**  **a occurred 3 times**  **b occurred 2 times**  **c occurred 1 times**  **d occurred 3 times**  **3 occurred 2 times** |

1. **Write a Swap function using pointer.**
2. **C program to eliminate/remove all vowels from a string.**
3. **C Program to Reverse Letter in Each Word of the Entered String**

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| **Input** | **Output** |
| **The House** | **ehT esuoH** |

1. **Write a C program to check if a given string is palindrome.**
2. **Write a C Program to Replace Lowercase Characters by Uppercase & Vice-Versa**
3. **C program to print indexes of a particular character in a string**
4. **Write a C program to print all VOWEL and CONSONANT characters separately.**