

**String and Functions in C Language**

1. Write a function to calculate length of the string
2. Write a function to reverse a string.
3. Write a function to compare two strings.
4. Write a function to transform string into uppercase
5. Write a function to transform a string into lowercase
6. Write a function to check whether a given string is an alphanumeric string or not.  
(Alphanumeric string must contain at least one alphabet and one digit)
7. Write a function to check whether a given string is palindrome or not.
8. Write a function to count words in a given string
9. Write a function to reverse a string word wise. (For example if the given string is "Mysirg Education Services" then the resulting string should be "Services Education Mysirg" )
10. Write a function to find the repeated character in a given string.