

**UE17CS152: PROBLEM SOLVING WITH C**  
**WEEK 6 :STRINGS,POINTERS,MULTIPLE FILES**

Program1: write functions to

- a) reverse a string.
- b) check for equality of strings.

In the client program, use these functions to check whether the given string is a palindrome.

Program2: Write function to a) concatenate two strings .Use this to concatenate n(say 5) strings.

Program 3:Write a function to count the # of occurrences of a given character.  
Use this to find the # of occurrences of every character in a word.

Program 4:Write functions to find the leftmost | rightmost occurrence of a char in a string.  
Use these functions to find position of every occurrence in a string.