

Assignment-03

1. Write a program in C to convert a string to uppercase using library function.

Test Data:

Input a string in lowercase: the quick brown fox jumps over the lazy dog

Expected Output:

Here is the above string in UPPERCASE:

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG.

2. Write a program in C to print individual characters of string in reverse order.

Test Data:

Input the string : resource.com

Expected Output:

The characters of the string in reverse are:

m o c . e c r u o s e r

3. Write down a program that will take a string as input and will check whether this is a palindrome or not. A palindrome is a sentence which remains same if taken backward. For example EYE is a palindrome because if you read opposite it remains the same EYE. Do it in the following ways:

- a. Using library functions
- b. Not using any library functions except the gets and strlen

4. Write a C programming that will take three words as input and will print them in sorted order, i.e., in the order they appear in the dictionary. [Hints: Use **strcmp** multiple times]

Input/output

Input a word: orange

Input another word: apple

Input another word: coconut

Expected Output:

apple

coconut

orange