



भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी
Indian Institute of Information Technology Guwahati
COMPUTER PROGRAMMING LAB (CS110)
ASSIGNMENTS-9

Instructions: Do not use the header file `string.h` in any of the question.

1. Write a program in C to print the address of each character in a given string. The string is user input.
2. Write a menu-based (use `do... while` loop to create the menu) program in C to perform the following operations on strings.
 - i. Concatenate two strings without using the `strcat` function. The strings are user inputs.
 - ii. Compare two strings without using the `strcmp` function. The strings are user inputs.
 - iii. Calculate length of a string without using the `strlen` function. The string is a user input.
 - iv. Copy one string to another string without using the `strcpy` function. The string is user input.
 - v. "exit" to terminate the program.
3. Write a program in C to convert all lowercase characters to uppercase in a string. The string is user input.
4. Write a program in C to check if a string is a palindrome or not. The string is user input.
5. Write a program in C to reverse a string. The string is user input.
6. Write a program in C to word-wise reverse a string. The string is user input. For instance for input string

This is an example.

the output should be

example. an is This