North South University

Department of Electrical and Computer Engineering

CSE 115L: Programming Language I Lab

Week 11 – Assignments

1. Write a C program to Compute the Factorial of a number N using recursion.
2. Write a C program to Compute the sum of natural numbers until N using recursion.
3. Write a C program to multiply two numbers, where the both numbers are positive integers, but you can only use the + or – operators using recursion.
4. Write a C program to find Greatest Common Divisor (GCD) of 2 numbers using recursion.
5. Write a recursive function to reverse a string. Write a recursive function to reverse the words in a string, i.e., "cat is running" becomes "running is cat".