

Noakhali Science and Technology University
Course Title: Structured Programming Language Lab
Course Code: CSTE-1202

LAB-1: Variables, and Data Types, Operators

1. Two integer numbers are input through keyboard. Write a program to perform the arithmetic operation of given two numbers i.e. addition, subtraction, division, multiplication, and modulus.
2. Two numbers are taken as input into two variables C and D. Write a program to interchange the contents of C and D.
3. If a five digit number is input through the keyboard, write a program to reverse the number and to calculate the sum of its digits.
4. Write a program in C in order to calculate the area and volume of a cylinder of given radius.
5. Write a program in C in order to calculate the area and volume of a sphere of given radius.
6. Write a program in C in order to calculate the area and circumference/ perimeter of a circle of given radius