# Introduction to IDE and Introduction to C++

## Objectives

* To be able to install and use Code::Blocks IDE for compiling C++ programs
* To be familiar with syntax and structure of C++ programming

## Topics Discussed in Lab # 1

* Simple C++ Program and a Typical C++ Development Environment
* Test-Driving a C++ Application using Code::Blocks IDE
* Libraries
* Preprocessor Directives
* Variables and Data Types

## Lab Tasks: (Perform the following tasks OR 6 similar tasks of your own choice)

1. Write a program to display your name on console.
2. Write a program to add two numbers (5&7) and display its sum.
3. Write a program to multiply two numbers (10&8) and display its product.
4. Write a program to calculate area of a circle having its radius (r = 5).
5. Write a program to calculate area of an ellipse having its axes (minor=4cm, major=6cm).
6. Write a program to calculate simple interest for a given P=4000, T=2, R=5.5. (I = P\*T\*R/100).