

LAB 0

Setup

Set up your coding environment – install the applications.

Visual Studio is the IDE used in class. However, you are free to choose any IDE that you like. Then, run a sample helloworld application to make sure your setup is complete.

Grading

- Complete the lab assignment during the lab session.
- Demonstrate the output to the TA on completing the lab assignment.
- Grade distribution for labs:
 - 60% for successful implementation of the assignment including all the functions and variable.
 - 20% for successful compilation of the code and running without any errors and displaying the expected output.
 - 20% for the demonstration of the code to the TA.

Coding activity

Write C++ code to find the area of a rectangle

- With attributes – width, length.
- Supporting basic operations:
 - `getArea`: Return the area of the rectangle
 - `printArea`: Print the area of the rectangle

Write a main file named “main.cpp” to demonstrate the functionalities of your class.