



Department of Computer Science and Engineering
Lab02, Fall-2023

Course Title: Object Oriented Programming Lab (C++)
Course Code: CSE 1360; Section: 2D

Task_1: Define a rectangle class that contains three public parameters height, width and length. Write a method to calculate Area(): [length * width] & Volume(): [height * width * length]. Then, create an object of the class and calculate & print the area and volume of the rectangle. Note: Submit using three different formats user input, default constructor and parameterized constructor.

Task_2: In C++, Create a class named Employee that contains two private member variables name(string), salary(double) and a public member function yearlySalary to calculate the yearly salary. Create an object of that class and access those variables using setter and getter function. Show the name and yearly salary in the main function.

Task_3. Write a class Student with four properties [name, id, course, and section] and assign yourself as an object of that class but now show how the default constructor will look like in this case.

Task_4. Write a class Student with four properties [name, id, course, and section] and assign yourself as an object of that class and now use a parameterized constructor to initialize object's values.