

Lab Task 1: Friend Function

Task: Create a class **Box** with private attributes:

- **length** (float)
- **width** (float)
- **height** (float)

Objective:

1. Implement a friend function that compares two Box objects and determines which box has a larger volume.
2. Take user input to create two Box objects and call the friend function to find and print which box is larger.

Additional Requirements:

How would you implement it if the box objects were needed to be taken as pointers?

Lab Task 2: Student Grading System

Task: Implement a C++ program that defines a class **Student** with the following private attributes:

- **name** (string)
- **studentID** (int)
- **marks** (float array of size 3 to hold marks of three subjects)
- **Instructions:**
 - Create an array of 5 **Student** objects.
 - Write a function to input details for each student (name, studentID, marks).
 - Implement a function to display avg mark of all students
 - Implement a function to calculate and display the total marks for each student.