

**CSE 1122 Structured and Object-Oriented Programming Sessional**  
**Week 12 (Lab 9)**  
**Date 04.20.2024**

Topic: Operator Overloading, Friend function and Friend Class

**Lab Exercise:**

1. Overload the + for concatenating the two strings. For e.g “Object” + “oriented” = Objectoriented
2. Write a friend function for adding the two complex numbers, using a single class.

**Homework:**

1. Overload the operator + for adding the timings (hr, min, sec) of two clocks.
2. Create a class ***BankAccount*** representing a bank account with private members **balance**, **accountNumber**, and **customerName**. Implement a friend function **transferFunds()** that takes two **BankAccount** objects as arguments and transfers funds from one account to another. Also, make another class ***BankManager*** a friend of **BankAccount** class, which can access the **accountNumber** and **customerName** of any **BankAccount** object. Test your program by creating multiple bank accounts, transferring funds between them, and displaying account information using the ***BankManager*** class.