

## CSE1322L Lab 6

### **Concept Summary:**

1. Object Oriented programming concepts
2. Interfaces

### **Objective:**

In this lab you will compute Fibonacci numbers using two different classes, each of which implements the same FindFib interface.

Fibonacci is an interesting sequence. The first fibonacci number is 1. The second is 1, every subsequent number is the sum of the previous 2. To put it in math terms:

$$F(n) = F(n - 1) + F(n - 2).$$

The sequence looks like:

1, 1, 2, 3, 5, 8, 13, 21, 34, 55...

Hence Fibonacci(10) is 55. Fibonacci(6) = 8 etc.

### **Assignment Requirements:**

