# CHEN3600 – Computer-Aided Chemical Engineering Spring 2012

# Chemical Engineering Department CQ5

**T.D. Placek Auburn University**

**CQ5 – Familiar Functions**

DO NOT SUBMIT YOUR SOLUTION!

Create a function file named Fib (n) that returns the nth Fibonaci Number. The Fibonaci numbers belong to the following sequence:

1, 1, 2, 3, 5, 8, 13, 21, …

where Fib(1) = Fib(2) = 1 and all other numbers in the series are the sum of the preceding two numbers (that is, 21 = 13+8).

Test your program with Fib(1), Fib(10), Fib(100), and Fib(Fib(20)).