In-class assignment and Homework (due 9/10)

- Download and install Anaconda Scientific Python (https://www.anaconda.com/download)
- Write a Python script that calculates an approximation to π using the arctan series (see 1b write-up, p.22), and compare its accuracy after the n = 10 term, 100 term, 10,000 term, and 1,000,000 term. (Use a conditional statement to print something after the appropriate terms.)
- Write a Python script that calculates an approximation to π using the Ramanujan series (see 1b write-up, p.25), and comment on its accuracy after 1, 2, and 3 terms. (Recall that the value of π is 3.14159265358979323846264338327950288419716939937510582…)
- (email finished programs to jcl11@illinois.edu)