# AMATH 383 Homework Assignment #4

Assigned: Tuesday, February 18, 2020

Due in class: Tuesday, February 25, 2020

1. Chaotic bank balance: Reproduce Table 3.3 in Chapter 3 of the book. There may be a typo in that table. You can use any program, including Excel, but show your code. If you use Excel, please note that Excel has an internal accuracy that is higher than the displayed accuracy. You need either to fix the number of digits after the decimal point or use the same accuracy in the calculation as displayed.
2. Problem 4 in Chapter 2. If you have an older version of the book there is a typo in the last formula shown, second line in part c. M should be raised to power ¼.