Homework 2, Computer Problems (Math 174/274)

(I) Write a computer program to solve Exercise 24 from Section 2.3 in the book, using Newton's method and the secant method. Generate a table with several iterates and the function values at those iterates. Repeat this exercise with two different initializations.

(II) For math 274 students: Repeat the above for Exercise 28 from Section 2.3.